

DTIC FILE COPY



AD-A215 925  
Replacement  
Copy

# SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

## VICENZA ITALY

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



OCTOBER 1989

DTIC  
ELECTE  
NOV 13 1990  
S E D

APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED

USAF  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

Scott Air Force Base, Illinois, 62225-5438

REVIEW AND APPROVAL STATEMENT

USAFETAG/PS-89/221, SURFACE, SCIENTIFIC AND TECHNICAL INFORMATION CLIMATIC SUMMARIES FOR  
VICENZA ITALY, OCTOBER 1989, HAS BEEN REVIEWED AND IS APPROVED  
FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION  
OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL  
INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE  
(NTIS).

**SIGNED**

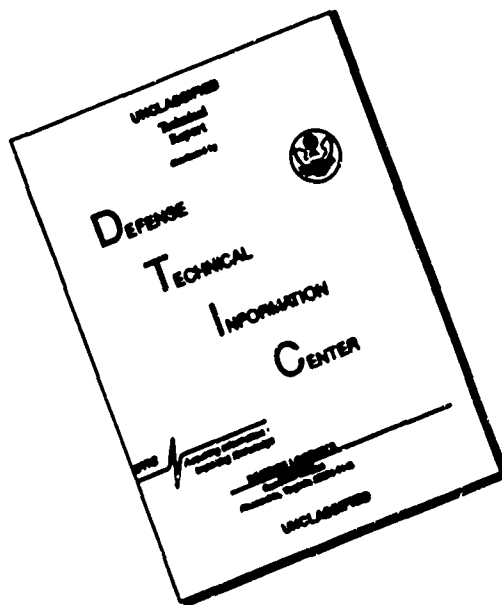
JOSEPH L. BOYTE  
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER

*Walter S. Burgmann*

WALTER S. BURGMANN  
SCIENTIFIC AND TECHNICAL INFORMATION  
PROGRAM MANAGER

# DISCLAIMER NOTICE



**THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.**

# REPORT DOCUMENTATION PAGE

2. REPORT DATE: OCTOBER 1989
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, JANUARY 1973 TO DECEMBER 1988
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR VICENZA ITALY
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-89/221
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, VICENZA ITALY, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL



DTIC STANDARD FORM 298

111

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input checked="" type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

## CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY COVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
 PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
 PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY..	G-2-1
 PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 79 - DEC 88 (METAR).

SUMMARY OF DAY DATA: JAN 73 - FEB 77 (FULL TIME).

SUMMARY OF DAY DATA: MAR 77 - DEC 88 (PART TIME).

HOURS SUMMARIZED: 00L - 23L (JAN 73 - FEB 77), 07L - 20L (MAR 77 - DEC 88).

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

**PRECIPITATION:** A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

**STANDARD DEVIATION:** A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

**TIME CONVENTIONS:** ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREA. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

**NOTE 1.** DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

**ABBREVIATIONS USED:**

AHT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

**SUMMARY DESCRIPTION:** A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY 160940	STATION NAME VICENZA, ITALY	LATITUDE N 45 34	LONGITUDE E 011 32	FLD ELEV (FT) 128	CALL SIGN LIPT	WMO NMBR 16094
-------------------------------------	--------------------------------	---------------------	-----------------------	----------------------	-------------------	-------------------

STATION LOCATION AND INSTRUMENTATION HISTORY

Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Vicenza, Italy	IY Govt	Sep 68	Mar 81	N 45 34	E 011 32	128	N/A	12
2	Same	Same	Apr 81	Jan 88	Same	Same	Same	174	12

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 88	Unkn	Unkn	Unkn	Unkn	

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	AAAAA
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

## PART A

### ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

#### SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).



SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		6.8		2.8		9.5	64.8	.4			74.8	503
09-11		8.4		3.3		11.6	64.3	.7			76.6	705
12-14		7.2		2.6		9.8	55.3	11.8			76.9	693
15-17		7.8		2.4		10.2	49.3	15.2			74.7	716
18-20		9.0	.2	2.0		11.2	64.1	5.3			80.6	599
21-23												0
ALL HOURS		7.9	.0	2.6		10.5	59.0	7.2			76.7	3216

MONTH: FEB

00-02												0
03-05												0
06-08		7.7		2.3		10.0	68.1	1.0			79.2	480
09-11		10.5		2.7		13.2	65.7	2.5			81.4	668
12-14		11.8		1.6		13.5	38.6	28.9			81.0	668
15-17		10.5		7		11.2	32.5	34.0			77.7	668
18-20		10.4		1.2		11.6	50.9	19.7			82.2	584
21-23												0
ALL HOURS		10.3		1.7		12.0	50.1	18.2			80.3	3068

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		14.3		.4		14.6	66.1				80.7	519
09-11	.3	14.9		1.0		15.9	56.1	3.6			75.7	716
12-14	.1	11.5		.3		11.7	35.8	23.7			71.2	716
15-17	.5	9.6		.4		10.0	24.4	30.8			65.2	747
18-20	1.4	13.8		.2		13.9	29.4	24.7			68.1	639
21-23												0
ALL HOURS	.5	12.7		.4		13.1	41.1	17.5			71.7	3337

MONTH: APR

00-02												0
03-05												0
06-08		9.3				9.3	64.4				73.6	497
09-11		10.1				10.1	44.7	12.3			67.1	684
12-14	1.2	10.2				10.2	12.3	33.4			55.9	683
15-17	1.5	9.2				9.2	6.6	35.9			51.8	682
18-20	2.5	12.1				12.1	13.1	27.8			53.0	589
21-23												0
ALL HOURS	1.1	10.2				10.2	26.5	23.0			59.7	3135

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	1.0	8.4				8.4	44.4	16.0			68.8	500
09-11	1.6	9.9				9.9	14.6	35.3			59.7	678
12-14	2.7	8.5				8.5	3.3	35.4			47.1	698
15-17	5.4	11.5			.1	11.6	1.3	26.7			39.6	681
18-20	3.7	12.1			.2	12.3	3.0	24.6		.3	40.2	602
21-23												0
ALL HOURS	3.0	10.1			.1	10.2	11.7	28.4		.1	50.3	3159

MONTH: JUN

00-02												0
03-05												0
06-08	1.0	6.6				6.6	10.8	49.2			66.6	482
09-11	.5	4.8				4.8	1.2	54.3			60.3	665
12-14	2.9	5.2				5.2	.1	43.5			48.9	689
15-17	7.1	7.8			.1	8.0	.1	35.9			44.0	688
18-20	8.5	8.0				8.0		34.5			42.5	586
21-23												0
ALL HOURS	4.1	6.5			.0	6.5	2.0	43.3			51.8	3110

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOJRS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	1.0	3.5				3.5	2.8	62.2			68.5	492
09-11	.4	2.1				2.1		60.2			62.3	673
12-14	1.2	2.6				2.6		50.4			53.0	693
15-17	4.2	4.2			.1	4.4		43.3			47.7	711
18-20	2.0	2.5				2.5		45.7			48.2	602
21-23												0
ALL HOURS	1.8	3.0			.0	3.0	.4	51.8			55.3	3171

MONTH: AUG

00-02												0
03-05												0
06-08	2.2	4.3				4.3	12.6	46.8			63.7	509
09-11	1.1	3.9				3.9	5.0	43.4			52.3	723
12-14	2.7	3.3			.1	3.4	3.5	34.7			41.6	738
15-17	5.3	4.3			.1	4.4	3.5	30.1			38.1	720
18-20	4.8	4.1			.3	4.5	2.7	29.6			36.8	628
21-23												0
ALL HOURS	3.2	3.9			.1	4.1	5.1	36.5			45.6	3318

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	1.2	4.9				4.9	45.0	25.8			75.7	507
09-11	1.0	3.8				3.8	12.3	55.9			72.0	682
12-14	.7	3.7				3.7	7.6	51.9			63.1	700
15-17	2.4	5.2				5.2	5.9	45.6			56.8	706
18-20	1.9	6.0				6.0	6.2	46.7			58.8	634
21-23												0
ALL HOURS	1.5	4.7				4.7	13.8	46.2			64.8	3229

MONTH: OCT

00-02												0
03-05												0
06-08	.4	9.5				9.5	2.5	2.2			74.1	549
09-11	.1	8.9				8.9	.5	14.4			70.9	749
12-14	.4	8.0				8.0	19.5	36.1			63.5	765
15-17	.6	9.1				9.1	15.6	37.0			61.6	771
18-20	1.5	10.6				10.6	29.3	28.4			68.2	663
21-23												0
ALL HOURS	.6	9.2				9.2	33.2	24.8			67.2	3497

OPERATING LOCATION "AM"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	MAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST T/I VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		9.2		.2		9.4	62.7				72.1	501
09-11		11.2		.6		11.8	61.2	.4		.1	73.6	689
12-14		11.6		.7		12.4	44.5	15.3			72.2	704
15-17		11.4		.8		12.2	39.6	18.5			70.3	730
18-20	.2	11.2		.5		11.7	62.6	1.1			75.4	625
21-23												0
ALL HOURS	.0	11.0		.6		11.6	53.2	7.8		.0	72.6	3249

MONTH: DEC

00-02												0
03-05												0
06-08		8.4		1.0		9.4	56.6	.2			66.1	511
09-11	.4	10.5		.8		11.3	57.4	.4			69.1	725
12-14		10.9		1.0		11.9	50.9	7.1			69.9	695
15-17		11.9		1.8		13.8	45.9	11.2			70.9	704
18-20		11.3		1.0		12.3	61.5	1.3			75.1	610
21-23												0
ALL HOURS	.1	10.7		1.1		11.9	54.1	4.3			70.3	3245

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
JAN		7.9	.0	2.6		10.5	59.0	7.2			76.7	3216
FEB		10.3		1.7		12.0	50.1	18.2			80.3	3068
MAR	.5	12.7		.4		13.1	41.1	17.5			71.7	3337
APR	1.1	10.2				10.2	26.5	23.0			59.7	3135
MAY	3.0	10.1			.1	10.2	11.7	28.4		.1	50.3	3159
JUN	4.1	6.5			.0	6.5	2.0	43.3			51.8	3110
JUL	1.8	3.0			.0	3.0	.4	51.8			55.3	3171
AUG	3.2	3.9			.1	4.1	5.1	36.5			45.6	3318
SEP	1.5	4.7				4.7	13.8	46.2			64.8	3229
OCT	.6	9.2				9.2	33.2	24.8			67.2	3497
NOV	.0	11.0		.6		11.6	53.2	7.8		.0	72.6	3249
DEC	.1	10.7		1.1		11.9	54.1	4.3			70.3	3245
ANNUAL	1.3	8.4	.0	.5	.0	8.9	29.3	25.7		.0	63.9	38734



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

MONTH	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		24.6		4.8		27.1	27.9				47.7	495
FEB	.7	24.9		3.4		27.1	24.7				45.2	442
MAR	1.4	29.9		1.0		30.5	20.0				45.1	495
APR	5.8	35.1		.2		35.3	20.5				48.2	479
MAY	11.1	36.4				36.4	13.3				45.1	495
JUN	20.0	31.7				31.7	18.8				46.1	479
JUL	16.3	24.8			.2	25.0	17.7				38.7	496
AUG	18.3	25.2			.4	25.6	17.9				40.7	496
SEP	10.6	20.2				20.2	16.9				35.2	486
OCT	3.0	28.6				28.6	11.1				36.5	496
NOV	.2	24.9				24.9	19.5				37.9	476
DEC	.4	21.3		1.2		22.5	13.6				34.1	496
ANNUAL	7.4	27.3		.9	.1	27.9	18.4				41.7	582

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08					1.0	1.0	1.0	2.2	1.2	.4		
09-11			.3		1.6	.5	.4	1.1	1.0	.1		.4
12-14			.1	1.2	2.7	2.9	1.2	2.7	.7	.4		
15-17			.5	1.5	5.4	7.1	4.2	5.3	2.4	.6		
18-20			1.4	2.5	3.7	8.5	2.0	4.8	1.9	1.5	.2	
21-23												
ALL HOURS			.5	1.1	3.0	4.1	1.8	3.2	1.5	.6	.0	.1
TOTAL OBS	3216	3068	3337	3135	3159	3110	3171	318	3229	3497	3249	3245

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS							
LIQUID PRECIP	84.0		7.1	6.1	2.9		312
FREEZING PRECIP	100.0						
FROZEN PRECIP	71.9		10.4	17.7			96
FOG	88.7		1.4	2.2	6.6	1.0	2412
FOG WITH VIS GE 1/2 MILES	89.0		1.7	2.9	5.3	1.0	1833
TOTAL OBS	2559	0	130	132	221	47	3089

MONTH: FEB HOURS: ALL

TSTMS							
LIQUID PRECIP	56.0		20.4	21.4	.8	1.5	393
FREEZING PRECIP							
FROZEN PRECIP	83.1		13.6	3.4			59
FOG	86.6		3.0	6.5	3.5	.5	1939
FOG WITH VIS GE 1/2 MILES	85.9		3.4	7.2	3.0	.5	1694
TOTAL OBS	2197	0	185	375	167	24	2948

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	10.0		15.0	45.0	15.0	15.0	20
LIQUID PRECIP	42.0		27.1	28.1	1.9	1.0	524
FREEZING PRECIP							
FROZEN PRECIP	72.2		5.6	22.2			18
FOG	80.6		3.9	10.5	4.6	.3	1747
FOG WITH VIS GE 1/2 MILES	78.2		4.4	11.7	5.3	.4	1505
TOTAL OBS	1982	0	243	640	295	71	0 3231

MONTH: APR HOURS: ALL

TSTMS			28.9	55.3	15.8		38
LIQUID PRECIP	39.9		23.8	32.0	1.6	2.6	378
FREEZING PRECIP							
FROZEN PRECIP							
FOG	76.9		2.9	17.0	2.1	1.1	1059
FOG WITH VIS GE 1/2 MILES	76.6		3.0	17.3	2.2	1.0	1020
TOTAL OBS	1549	0	203	777	360	131	0 3020

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	26.9		17.6	32.4	14.8	8.3	108
LIQUID PRECIP	49.9		22.9	20.0	4.3	2.9	345
FREEZING PRECIP							
FROZEN PRECIP							
FOG	82.4		3.2	12.1	1.3	1.1	471
FOG WITH VIS GE 1/2 MILES	81.7		3.3	12.6	1.3	1.1	454
TOTAL OBS	1442	0	203	749	419	186	2999

MONTH: JUN HOURS: ALL

TSTMS	39.1		19.3	26.7	11.2	3.7	161
LIQUID PRECIP	45.5		23.0	27.0	.6	3.9	178
FREEZING PRECIP							
FROZEN PRECIP							
FOG	85.9		4.7	8.2		1.2	85
FOG WITH VIS GE 1/2 MILES	85.7		4.8	8.3		1.2	84
TOTAL OBS	1496	1	149	709	375	176	2906

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	42.9		22.1	23.4	6.5	5.2	77
LIQUID PRECIP	58.0		8.0	29.5	3.4	1.1	88
FREEZING PRECIP							
FROZEN PRECIP							
FOG	91.7		8.3				24
FOG WITH VIS GE 1/2 MILES	91.7		8.3				24
TOTAL OBS	1647	0	101	734	389	115	2986

MONTH: AUG HOURS: ALL

TSTMS	36.4	.8	30.2	20.9	9.3	2.3	129
LIQUID PRECIP	49.0		31.6	19.4			98
FREEZING PRECIP							
FROZEN PRECIP							
FOG	74.6		1.1	12.2	11.0	1.1	181
FOG WITH VIS GE 1/2 MILES	74.2		1.1	12.4	11.2	1.1	178
TOTAL OBS	1904	1	127	690	297	56	3075

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	26.7		13.3	38.3	5.0	16.7	60
LIQUID PRECIP	52.3		18.1	28.4		1.3	155
FREEZING PRECIP							
FROZEN PRECIP							
FOG	97.0		.6	1.7	.7		542
FOG WITH VIS GE 1/2 MILES	96.6		.6	1.9	.9		469
TOTAL OBS	2332	2	85	448	163	30	0 3060

MONTH: OCT HOURS: ALL

TSTMS	58.3		29.2	8.3	4.2		24
LIQUID PRECIP	64.9		16.5	14.0	3.1	1.6	387
FREEZING PRECIP							
FROZEN PRECIP							
FOG	92.3		1.7	3.7	1.2	1.0	1450
FOG WITH VIS GE 1/2 MILES	91.7		2.0	4.3	1.0	1.0	1251
TOTAL OBS	2738	1	149	298	167	30	0 3383

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	100.0						
LIQUID PRECIP	66.0		18.9	12.9	1.6	.7	450
FREEZING PRECIP							
FROZEN PRECIP	66.7			22.2	11.1		9
FOG	91.9		.7	3.1	3.4	.8	2152
FOG WITH VIS GE 1/2 MILES	91.6		.9	3.6	3.2	.7	1761
TOTAL OBS	2607	0	143	204	105	27	3086

MONTH: DEC HOURS: ALL

TSTMS				100.0			4
LIQUID PRECP	67.4		24.0	7.0	1.6		429
FREEZING PRECIP							
FROZEN PRECIP	83.3		4.8	11.9			42
FOG	87.8		1.2	1.5	8.3	1.2	2173
FOG WITH VIS GE 1/2 MILES	89.2		1.4	1.9	6.4	1.2	1606
TOTAL OBS	2567	0	137	120	225	46	3095



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	33.0	.2	21.7	29.3	10.3	5.6	622
LIQUID PRECIP	56.8		20.7	19.2	2.0	1.3	3737
FREEZING PRECIP	100.0						
FROZEN PRECIP	76.8		9.4	13.4	.4		224
FOG	87.2		2.0	5.6	4.4	.8	14235
FOG WITH VIS GE 1/2 MILES	86.6		2.3	6.5	3.8	.8	11879
TOTAL OBS	25020	5	1855	5876	3181	941	0 36878

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812

MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
NONE	71.1	72.4	67.9	61.7	53.7	60.8	71.1	71.0	77.5	65.9	74.1	74.4	
TRACE	.2	1.4	.2	1.7	.6	1.0	.2	.6	.4	.6	.4	.6	
.01	2.2	2.5	2.8	2.1	5.7	2.9	2.0	1.4	1.7	4.6	3.6	1.4	
.02-.05	4.2	4.3	5.1	9.0	9.9	7.3	5.7	6.0	3.8	6.7	3.6	4.3	
.06-.10	4.2	3.2	2.8	6.5	5.3	3.5	4.2	2.2	1.7	2.6	2.1	2.4	
.11-.25	4.2	4.3	5.7	5.9	8.3	7.3	7.3	6.0	3.5	4.6	3.3	5.1	
.26-.50	5.3	3.4	7.3	6.5	8.5	7.3	2.4	5.2	3.3	4.4	5.6	4.1	
.51-1.00	5.5	5.7	5.1	4.4	5.3	7.3	5.7	3.8	4.2	7.1	5.0	4.5	
1.01-2.50	2.8	2.9	2.8	2.3	2.8	2.5	1.4	3.2	3.5	2.8	2.3	2.8	
2.51-5.00	.2		.2					.4	.4	.6		.4	
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	28.7	26.2	31.9	36.6	45.7	38.2	28.7	28.4	22.1	33.5	25.5	24.9	30.9
TOTAL NO. OF OBSERVATIONS	495	442	492	478	495	479	495	496	479	496	478	493	5818

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	4.45	1.11	.57	2.39	.81	4.96	3.15	.81	7.65	3.09	1.17	2.48	32.64
74	1.55	5.01	3.42	5.80	3.63	4.67	.17	3.64	5.68	2.98	2.22	.08	38.85
75	2.29	.96	4.88	3.30	5.35	5.41	3.43	8.70	2.10	5.03	4.24	3.04	48.73
76	.88	3.62	.55	3.40	1.40	.43	5.72	3.04	5.86	8.41	3.82	4.54	41.67
77	7.70	4.33	5.56	3.09	6.66	2.68	4.18	4.90	.64	.75	3.10	4.34	47.93
78	7.70	6.33	2.40	6.02	3.81	2.48	1.46	4.18	1.91	5.88	2.42	4.22	48.81
79	4.87	3.64	5.41	3.65	.21	3.49	1.74	6.38	8.78	5.55	4.69	5.09	53.50
80	3.19	.58	5.44	.98	5.33	5.94	3.74	.78	.68	5.86	5.89	2.75	41.16
81	.44	.03	5.12	2.34	2.97	4.81	3.37	2.45	6.11	6.04	.07	6.07	39.82
82	.38	1.08	2.63	.18	4.91	3.43	4.33	6.87	3.26	3.81	5.94	1.95	38.77
83	.18	1.09	5.80	3.68	4.08	2.06	.80	2.79	4.77	2.0	.00	9.22	36.51
84	2.06	5.13	4.84	3.11	8.86	2.76	2.38	6.00	2.84	5.06	3.92	2.95	49.91
85	9.04	.47	8.42	2.03	4.73	3.82	.98	1.97	.02	1.92	3.33	2.72	39.45
86	5.83	3.51	2.85	4.06	3.60	4.76	2.74	1.78	2.72	1.73	2.39	.89	36.86
87	3.63	9.71*	1.54	3.33	4.14	4.54	1.89	3.66	1.68	8.69	5.20	1.22	49.23*
88	2.88	1.47	2.16	3.25	4.24	6.34	2.02	3.04	.89	3.45	1.24	2.42	33.40

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.18	.03	.55	.18	.21	.43	.17	.78	.02	.75	.00	.08	32.60
GREATEST	9.04	9.71	8.42	6.02	8.86	6.34	5.72	8.70	8.78	8.69	5.94	9.22	53.50
MEAN	3.57	2.56	3.85	3.16	4.04	3.91	2.63	3.81	3.47	4.39	3.10	3.37	41.87
MEDIAN	3.04	1.47	4.13	3.28	4.11	4.18	2.56	3.34	2.78	4.42	3.22	2.85	39.82
SD	2.816	2.036	2.173	1.478	2.135	1.564	1.479	2.248	2.681	2.321	1.881	2.220	6.392
TOTAL OBS	495	442	492	478	495	479	495	496	479	496	478	493	5818

THE GREATEST VALUE OF 9.71 OCCURRED ON 02/87

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	1.40	.50	.54	.80	.50	1.53	1.48	.36	3.09	.93	1.13	1.89	3.09
74	.46	1.19	2.30	1.74	1.24	.83	.10	1.57	1.34	.77	.68	.06	2.30
75	.91	.45	.62	1.12	2.22	.91	1.35	2.95	1.10	1.04	1.87	1.06	2.95
76	.86	.88	.33	1.06	.38	.18	1.69	1.02	1.82	1.99	.93	1.08	1.99
77	1.50	1.43	1.66	2.01	.89	.40	1.16	1.43	.62	.35	1.17	1.34	2.01
78	1.98	1.65	.65	1.60	.56	.87	.57	1.66	.92	2.65	1.44	1.40	2.65
79	1.26	1.10	1.20	1.72	.05	1.00	1.26	1.54	2.72	1.94	1.90	1.96	2.72
80	1.10	.58	1.34	.28	1.21	2.40	.98	.72	.23	1.88	1.54	1.35	2.40
81	.30	.03	1.95	.64	1.02	.67	1.54	.87	1.78	3.00	.07	1.55	3.00
82	.20	.42	1.65	.09	1.65	1.34	.91	3.91	2.12	.77	2.15	.80	3.91
83	.15	.36	1.86	.93	.98	.67	.46	.73	1.89	.67	.00	2.92	2.92
84	.44	2.38	1.81	2.05	1.45	1.38	.95	1.74	.68	2.21	1.26	.83	2.38
85	2.27	.44	2.58	1.03	1.41	1.10	.57	1.25	.02	.91	.67	.86	2.58
86	2.78	.96	.97	1.18	.92	1.32	.78	.71	2.04	1.42	.87	.74	2.78
87	1.49	1.99*	1.29	.90	.90	1.29	.64	2.50	1.41	1.96	2.22	.60	2.50*
88	.82	.98	.94	1.08	1.56	1.95	.70	1.16	.29	2.79	.69	1.37	2.79
GREATEST	2.78	2.38	2.58	2.05	2.22	2.40	1.69	3.91	3.09	3.00	2.22	2.92	3.91
TOTAL OBS	495	442	492	478	495	479	495	496	479	496	478	493	5818

THE GREATEST VALUE OF 3.91 OCCURRED ON 08/28/82

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANL
NONE	97.2	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.8	90
TRACE	2.8	1.6	.2									1.2	
0.1-0.4													
0.5-1.4													
1.5-2.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	433	385	461	449	495	479	496	496	480	496	478	492	5640

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
79	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
83	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
86	*	*	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0*
87	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	433	385	461	449	495	479	496	496	480	496	478	492	5640

THE GREATEST VALUE OF TRACE OCCURRED ON 01/73

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
79	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
83	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	*	*	*	*	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
TOTAL OBS	433	385	461	449	495	479	496	496	480	496	478	492	564

THE GREATEST VALUE OF TRACE OCCURRED ON 01/15/73

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	92	75	121	120	154	150	155	155	150	155	148	150	1625

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-3812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	*****	*											
74	*****	*											
75	*****	*											
76	*****	*											
77	*****	*											
78	*****	*											
79	*****	*											
80	*****	*											
81	*****	*											
82	*****	*											
83	*****	*											
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0*	0*	0	0	0	0	0	0	0	0	0	0	0*
86	*	0*	0*	0*	0	0	0	0	0	0	0	0	0*
87	0	0*	0	0	0	0	0	0	0	0	0	0	0*
88	0	0	0	0	0	0	0	0	0	0	0	0	0
GREATEST	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OBS	92	75	121	120	154	150	155	155	150	155	148	150	1625

THE GREATEST VALUE OF 0 OCCURRED ON 01/01/84

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: 7301-8812

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
72 - 73	JAN 15			JAN 15		
75 - 76	JAN 30			JAN 31		
76 - 77	DEC 28			DEC 29		
77 - 78	FEB 09			FEB 10		
78 - 79	DEC 08			MAR 01		
79 - 80	JAN 12			JAN 12		
80 - 81	JAN 12			JAN 12		
81 - 82	JAN 11			FEB 25		
82 - 83	FEB 05			FEB 08		
83 - 84	DEC 10			DEC 16		

MEDIAN-DATE

JAN 12

JAN 23

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCCC



## PART C

### SURFACE WIND SUMMARIES

#### PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

#### WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 8401-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
84	02/ 24	03/ 43	05/ 39	08/ 32	26/ 34	25/ 40	06/ 34	09/ 37	22/ 25	04/ 26	01/ 22	06/ 21	03/ 43
85	09/ 31	21/ 22	09/ 27	10/ 37	09/ 30	06/ 39	27/ 45	27/ 30	11/ 24	07/*22	09/ 23	08/*34	27/*45
86	09/ 41	09/ 44	24/ 23	06/ 37	30/*31	08/*44	36/*30	33/ 29	12/ 21	09/*25	04/*19	02/*28	09/*44
87	09/*24	07/*36	10/ 27	07/ 28	33/ 32	20/ 32	28/ 31	23/ 31	09/*23	11/*25	11/ 22	25/ 21	07/*36
88	23/ 31	34/ 28	07/ 43	07/ 29	10/ 24	08/ 42	24/ 36	29/ 40	30/*23	28/*22	05/*25	01/ 26	07/*43
.....													
GREATEST	09/ 41	09/ 44	07/ 43	10/ 37	26/ 34	08/ 44	27/ 45	29/ 40	22/ 25	04/ 26	05/ 25	08/ 34	27/ 45
.....													
TOTAL OBS	149	128	151	146	149	143	150	155	130	102	129	107	1639
.....													

THE PEAK WIND OF 45 FROM 27/ OCCURRED ON 07/16/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UT: -01

PERIOD OF RECORD: 8401-8812  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS										MEAN MEDIAN		TOTAL
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND WIND	
JAN	53.7	.7	25.5	6.7	9.4	.7	1.3	1.3	.7	.0	.0	7.9 4.0	149
FEB	36.7	.0	33.6	16.4	5.5	3.1	1.6	.8	2.3	.0	.0	10.9 11.5	128
MAR	17.9	.7	42.4	17.2	14.6	2.6	2.0	2.0	.7	.0	.0	13.7 13.0	151
APR	9.6	.7	41.1	26.7	8.9	7.5	2.7	2.7	.0	.0	.0	15.5 14.0	146
MAY	4.0	.0	39.6	32.2	17.4	2.7	4.0	.0	.0	.0	.0	16.2 15.0	149
JUN	8.4	.0	37.8	27.3	9.1	9.8	4.2	.7	2.8	.0	.0	16.6 15.0	143
JUL	10.7	.0	52.7	20.7	7.3	4.7	2.7	.7	.7	.0	.0	14.1 13.0	150
AUG	34.8	1.3	34.8	11.0	9.7	4.5	2.6	.6	.6	.0	.0	11.4 11.0	155
SEP	48.5	1.5	31.5	9.2	8.5	.8	.0	.0	.0	.0	.0	8.0 8.0	130
OCT	42.2	.0	34.3	11.8	7.8	3.9	.0	.0	.0	.0	.0	9.0 10.0	102
NOV	55.8	.0	27.1	10.1	6.2	.8	.0	.0	.0	.0	.0	6.8 2.0	129
DEC	52.3	.9	31.8	7.5	4.7	1.9	.9	.0	.0	.0	.0	7.1 4.0	107
ANNUAL	29.9	.5	36.4	16.8	9.3	3.7	2.0	.8	.7	.0	.0	11.7 12.0	1639

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4			.4								.8	9.5	9.0
020-040	2.8	.2										3.0	3.2	2.0
050-070	.2	.2										.4	5.0	5.0
(E) 080-100	.8	1.0	.2		.2							2.2	6.7	6.0
110-130	.2											.2	2.0	2.0
140-160	.2											.2	2.0	2.0
(S) 170-190														
200-220	3.0											3.0	2.9	2.0
230-250	.8	.2										1.0	3.2	2.0
(W) 260-280	.2											.2	2.0	2.0
290-310														
320-340	1.0											1.0	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											88.0	////////////////////////////////	
TOTALS	9.6	1.6	.2	.4	.2							100.0	.5	2.0
TOTAL NUMBER OF OBSERVATIONS 501														

OPERATING LOCATION "AM"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3		.3								1.0	8.0	6.0
020-040	.9	.3	.4									1.6	5.8	4.0
050-070	1.4		.1									1.6	3.6	2.0
(E) 080-100	.1	.6	.4									1.1	8.0	7.0
110-130														
140-160														
(S) 170-190		.1										.1	6.0	6.0
200-220	2.1											2.1	2.9	2.0
230-250	.7	.3	.3									1.3	5.1	4.0
(W) 260-280	.4	.1										.6	3.0	2.0
290-310	.1											.1	4.0	4.0
320-340	.4		.3									.7	5.6	4.0
VARIABLE														
CALM	////////////////////////////////////											89.8	////////////////////////////////	
TOTALS	6.5	1.7	1.5	.3								100.0	.5	4.0

TOTAL NUMBER OF OBSERVATIONS 704

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.1		.7								.9	9.0	10.0
020-040	.3	.9	.1	.1	.3						1.7	9.5	7.0
050-070	1.2	.3	.1								1.6	3.8	2.0
(E) 080-100	2.6	.9	.6								4.1	4.7	4.0
110-130	1.2	.4									1.6	3.8	4.0
140-160	.1	.3									.4	5.3	6.0
(S) 170-190	.1										.1	2.0	2.0
200-220	5.2	1.0	.1								6.4	3.5	2.0
230-250	2.2	1.3	.4		.1						4.1	5.7	4.0
(W) 260-280													
290-310	.1										.1	2.0	2.0
320-340	.7	.1	.1								1.0	4.3	2.0
VARIABLE													
CALM	////////////////////////////////////										77.9	////////////////////////////////	
TOTALS	13.8	5.2	2.1	.1	.4						100.0	1.1	4.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3	.6	.1	.1							1.3	11.3	10.0
020-040	1.3	.7	.3		.1							2.4	5.9	4.0
050-070	1.0	.1										1.1	4.5	4.0
(E) 080-100	1.4	.4	.8		.1							2.8	6.6	6.0
110-130	1.4	.3										1.7	3.2	2.0
140-160	1.0	.3										1.3	3.8	4.0
(S) 170-190	.4											.4	2.0	2.0
200-220	5.1	1.1	.3									6.5	3.7	2.0
230-250	3.8	1.8	.6	.1								6.3	4.8	4.0
(W) 260-280	.1	.1										.3	4.0	4.0
290-310	.4											.4	2.7	2.0
320-340		.7										.7	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											74.9	////////////////////////////////	
TOTALS	16.0	5.8	2.6	.2	.3							100.0	1.2	4.0
TOTAL NUMBER OF OBSERVATIONS 712														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	.3	.2									1.0	6.3	6.0
020-040	1.7	.3	1.2									3.2	6.0	4.0
050-070	1.7	.7	.2									2.5	4.4	4.0
(E) 080-100	.7	.5			.2							1.3	6.8	5.0
110-130	.5											.5	3.3	4.0
140-160	.2											.2	4.0	4.0
(S) 170-190														
200-220	3.7											3.7	2.5	2.0
230-250	1.8	.3	.2									2.3	4.4	4.0
(W) 260-280														
290-310	.2											.2	2.0	2.0
320-340		.2										.2	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											84.9	////////////////////////////////	
TOTALS	11.0	2.3	1.8		.2							100.0	.7	4.0

TOTAL NUMBER OF OBSERVATIONS 597



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2	.3	.2	.0							1.0	9.0	9.0
020-040	1.3	.5	.4	.0	.1							2.3	5.9	4.0
050-070	1.1	.2	.1									1.5	4.1	4.0
(E) 080-100	1.2	.7	.4		.1							2.3	6.1	6.0
110-130	.7	.2										.8	3.4	2.0
140-160	.3	.1										.4	4.0	4.0
(S) 170-19	.1	.0										.2	2.8	2.0
200-220	3.9	.5	.1									4.4	3.3	2.0
230-250	1.9	.8	.3	.0	.0							3.2	4.9	4.0
(W) 260-280	.2	.1										.2	3.1	2.0
290-310	.2											.2	2.7	2.0
320-340	.4	.2	.1									.7	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											82.7	////////////////////////////////	
TOTALS	11.6	3.5	1.7	.2	.2							100.0	.8	4.0
TOTAL NUMBER OF OBSERVATIONS 3202														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.1	5.0	5.0
020-040	1.0	.5										1.5	4.1	4.0
050-070	1.0	.4	.2									1.6	5.1	4.0
(E) 080-100	1.0	.6	.1		.1							1.9	5.8	4.0
110-130	.5											.5	2.6	2.0
140-160	.1	.1										.1	4.0	4.0
(S) 170-190	.1											.1	2.0	2.0
200-220	3.4	.1										3.5	2.7	2.0
230-250	1.7	.7	.2	.1	.1							2.7	5.2	4.0
(W) 260-280	.1											.1	2.0	2.0
290-310	.1											.1	3.0	3.0
320-340	.1											.1	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											87.5	////////////////////////////////	
TOTALS	9.2	2.5	.5	.1	.2							100.0	.5	2.0

TOTAL NUMBER OF OBSERVATIONS 1385

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3		.2									1.5	3.1	2.0
020-040	3.8	1.3	.4									5.4	4.5	4.0
050-070	1.7	.4	.2									2.3	4.0	2.0
(E) 080-100	.6	.6	.2	.2								1.7	7.0	6.0
110-130	.4	.2	.2									.8	6.5	6.0
140-160														
(S) 170-190	.2											.2	4.0	4.0
200-220	1.5	.2										1.7	3.3	3.0
230-250	.6	.2										.8	4.0	4.0
(W) 260-280														
290-310														
320-340	.8	.8	.4									2.1	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											83.5	////////	
TOTALS	10.9	3.7	1.6	.2								100.0	.8	4.0

TOTAL NUMBER OF OBSERVATIONS 478

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3	.1									.6	6.5	6.0
020-040	3.0	.9										3.9	3.5	2.0
050-070	3.3	.9	.3									4.5	4.5	4.0
(E) 080-100	2.2	1.2	.3									3.7	4.9	4.0
110-130	.6	.1										.7	2.8	2.0
140-160														
(S) 170-190														
200-220	1.2											1.2	2.5	2.0
230-250	.7	.1										.9	3.7	4.0
(W) 260-280	.1											.1	2.0	2.0
290-310														
320-340	.3	.6										.9	6.0	7.0
VARIABLE														
CALM	////////////////////											83.4	////////	
TOTALS	11.5	4.1	.7									100.0	.7	4.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2										.5	4.0	2.0
020-040	3.5	.8			.2							4.4	4.2	4.0
050-070	2.6	.2	.8	.3								3.8	5.9	4.0
(E) 080-100	5.3	4.1	.8	.2	.3							10.6	5.6	5.0
110-130	4.5	1.5	.2									6.2	3.8	4.0
140-160	1.5											1.5	2.6	2.0
(S) 170-190	.3											.3	3.0	3.0
200-220	2.6	.2	.2									2.9	3.1	2.0
230-250	1.7	.8	.5									2.9	4.9	4.0
(W) 260-280														
290-310	.3											.3	2.0	2.0
320-340		.5										.5	6.7	6.0
VARIABLE														
CALM	////////////////////											66.4	////////	
TOTALS	22.6	8.3	2.5	.5	.5							100.0	1.6	4.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	4.0	4.0
020-040	2.0	.8	.2	.2								3.0	4.8	3.0
050-070	3.0	.2	.6		.2							3.9	4.5	2.0
(E) 080-100	5.3	2.0	.3		.3							7.8	4.6	3.0
110-130	7.4	1.1	.2									8.6	3.3	2.0
140-160	2.9	.3										3.2	2.6	2.0
(S) 170-190	.5	.2										.6	4.5	4.0
200-220	2.4	.6	.5									3.5	4.0	2.0
230-250	3.3	1.8	1.1	.2								6.3	5.7	4.0
(W) 260-280	.3											.3	2.0	2.0
290-310	.2											.2	2.0	2.0
320-340	.8	.5										1.2	5.0	4.0
VARIABLE														
CALM	////////////////////											61.2	////////	
TOTALS	28.3	7.5	2.9	.4	.5							100.0	1.6	2.0
TOTAL NUMBER OF OBSERVATIONS 663														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5										.9	4.4	6.0
020-040	2.1	1.6		.3								4.0	5.5	4.0
050-070	1.0	1.0	.2	.2	.2							2.6	6.9	6.0
(E) 080-100	1.4	.2	.2	.2								1.9	5.1	4.0
110-130	2.8	.3										3.1	3.0	2.0
140-160	1.4	.3										1.7	3.4	2.0
(S) 170-190														
200-220	2.1	.4										2.2	2.9	2.0
230-250	1.2	.2	.2									1.6	4.2	2.0
(W) 260-280	.5											.5	2.0	2.0
290-310														
320-340	.3											.3	3.0	3.0
VARIABLE														
CALM	////////////////////											81.2	////////	
TOTALS	13.1	4.3	.6	.7	.2							100.0	.8	4.0
TOTAL NUMBER OF OBSERVATIONS 579														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.2	.1									.7	4.3	2.0
020-040	2.8	1.0	.1	.1	.0							4.1	4.4	4.0
050-070	2.4	.5	.4	.1	.1							3.5	5.1	4.0
(E) 080-100	3.1	1.7	.4	.1	.1							5.4	5.2	4.0
110-130	3.3	.7	.1									4.1	3.5	2.0
140-160	1.2	.1										1.3	2.8	2.0
(S) 170-190	.2	.0										.2	4.0	4.0
200-220	2.0	.2	.1									2.3	3.3	2.0
230-250	1.6	.7	.4	.0								2.6	5.1	4.0
(W) 260-280	.2											.2	2.0	2.0
290-310	.1											.1	2.0	2.0
320-340	.4	.5	.1									1.0	5.4	6.0
VARIABLE														
CALM	////////////////////											74.5	////////	
TOTALS	17.7	5.6	1.7	.3	.2							100.0	1.1	4.0
TOTAL NUMBER OF OBSERVATIONS 3050														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.3	.1	.1								.5	4.3	2.0
020-040	2.4	1.1	.1								3.6	4.1	4.0
050-070	2.3	.4	.5	.2	.1						3.4	5.5	4.0
(E) 080-100	2.4	.9	.2	.1	.2						3.7	5.4	4.0
110-130	3.2	.4	.1								3.6	3.3	2.0
140-160	.7										.7	2.3	2.0
(S) 170-190	.1										.1	4.0	4.0
200-220	1.4	.1	.1								1.6	3.2	2.0
230-250	1.1	.5	.2								1.8	5.1	4.0
(W) 260-280	.2										.2	2.0	2.0
290-310													
320-340	.2	.1									.3	5.2	4.0
VARIABLE													
CALM	////////////////////////////////////										80.5	////////////////////////////////	
TOTALS	14.3	3.6	1.3	.3	.3						100.0	.9	4.0

TOTAL NUMBER OF OBSERVATIONS 1681

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.2	.4	.2								.8	7.5	8.0
020-040	3.3	1.2	.2								4.6	4.1	4.0
050-070	2.1		.4	.4							2.9	6.5	4.0
(E) 080-100	1.5	.8	.4		.2						2.9	6.5	4.0
110-130	.6	.6									1.2	4.7	5.0
140-160													
(S) 170-190													
200-220		.4									.4	6.0	6.0
230-250			.2								.2	10.0	10.0
(W) 260-280		.2									.2	6.0	6.0
290-310													
320-340	1.5										1.5	2.8	2.0
VARIABLE													
CALM	////////////////////////////////////										85.3	////////////////////////////////	
TOTALS	9.2	3.6	1.4	.4	.2						100.0	.8	4.0
TOTAL NUMBER OF OBSERVATIONS 518													

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	.1		.1								.4	10.0	8.0
020-040	3.4	2.2	.4									6.0	4.9	4.0
050-070	2.4	1.0										3.4	3.9	4.0
(E) 080-100	3.1	1.5	1.4	.3								6.3	6.2	6.0
110-130	2.1	.3	.6									2.9	5.0	4.0
140-160	.3											.3	2.0	2.0
(S) 170-190	.1											.1	2.0	2.0
200-220	.7	.3										1.0	3.7	2.0
230-250	1.1	.3	.1									1.5	3.9	3.0
(W) 260-280	.1											.1	4.0	4.0
290-310	.3											.3	2.0	2.0
320-340	.7											.7	3.2	4.0
VARIABLE														
CALM	////////////////////////////////////											76.9	////////	
TOTALS	14.4	5.7	2.5	.4								100.0	1.1	4.0
TOTAL NUMBER OF OBSERVATIONS 714														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7		.6									1.3	6.2	4.0
020-040	2.7	.4	.1		.3							3.5	5.4	4.0
050-070	3.2	1.7	.1									5.0	4.5	4.0
(E) 080-100	8.8	2.4	2.4	.4								14.0	5.4	4.0
110-130	9.5	1.1	.4									11.0	3.4	2.0
140-160	3.4	.3	.1									3.8	3.6	4.0
(S) 170-190	1.3											1.3	2.7	2.0
200-220	2.5	1.5	.4									4.5	5.2	4.0
230-250	1.8	1.1	.7									3.6	5.4	5.0
(W) 260-280														
290-310	.3											.3	2.0	2.0
320-340	.1	.3										.4	6.0	6.0
VARIABLE														
CALM	////////////////////											51.4	////////	
TOTALS	34.3	8.8	4.8	.4	.3							100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 716

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3		.1									.4	6.7	4.0
02-040	2.7	1.1	.1	.3								4.2	5.4	4.0
050-070	3.2	.9	.1	.1								4.4	4.4	4.0
(E) 080-100	6.2	3.8	2.2	.4								12.5	5.7	6.0
110-130	10.1	3.4	.9	.3								14.7	4.3	4.0
140-160	3.4	.5	.1									4.0	3.7	2.0
(S) 170-190	.8											.8	2.0	2.0
200-220	3.1	2.6	.7									6.3	5.4	6.0
230-250	4.3	3.4	1.5									9.1	5.6	6.0
(W) 260-280	.3											.3	2.0	2.0
290-310														
320-340	.4		.3									.7	6.0	2.0
VARIABLE														
CALM	////////////////////////////////////											42.6	////////////////////////////////	
TOTALS	34.8	15.7	6.0	1.1								100.0	2.9	4.0
TOTAL NUMBER OF OBSERVATIONS 744														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 60940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6										.9	5.7	6.0
020-040	3.1	.9	.9									5.0	5.1	4.0
050-070	3.8	.6	.5									4.9	4.0	2.0
(E) 080-100	3.1	.6	1.3	.2								5.2	5.7	4.0
110-130	4.7	2.4	.6									7.7	4.7	4.0
140-160	2.5	2.7	.6									5.8	5.5	6.0
(S) 170-190	.5	.2										.6	4.5	4.0
200-220	5.0	.9										6.0	3.6	4.0
230-250	2.7	3.3	.2									6.1	5.0	6.0
(W) 260-280	.2	.3										.5	5.3	6.0
290-310	.2											.2	2.0	2.0
320-340		.5										.5	7.3	8.0
VARIABLE														
CALM	////////////////////////////////////											56.7	////////	
TOTALS	26.1	13.0	4.1	.2								100.0	2.1	4.0
TOTAL NUMBER OF OBSERVATIONS 637														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2	.2	.0								.8	6.8	6.0
020-040	3.0	1.2	.4	.1	.1							4.7	5.0	4.0
050-070	3.0	.9	.2	.1								4.2	4.5	4.0
(E) 080-100	4.8	1.9	1.6	.3	.0							8.6	5.7	4.0
110-130	5.7	1.6	.5	.1								7.9	4.2	4.0
140-160	2.0	.7	.2									2.9	4.3	4.0
(S) 170-190	.6	.0										.6	2.8	2.0
200-220	2.3	1.2	.2									3.8	4.7	4.0
230-250	2.1	1.7	.6									4.4	5.3	6.0
(W) 260-280	.1	.1										.2	4.3	4.0
290-310	.2											.2	2.0	2.0
320-340	.5	.2	.1									.7	4.5	4.0
VARIABLE														
CALM	////////////////////											61.2	////////	
TOTALS	24.6	9.7	4.0	.6	.1							100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 3329

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.3	.1									.6	6.7	8.0
020-040	2.9	.8	.1		.1							3.9	4.8	4.0
050-070	2.5	1.1	.3									3.9	4.6	4.0
(E) 080-100	5.3	1.7	1.7	.3	.1							9.0	5.6	4.0
110-130	4.9	.7	.1									5.6	3.2	2.0
140-160	1.1											1.1	2.8	2.0
(S) 170-190	.2	.1										.3	3.5	2.0
200-220	1.8	1.0	.1									2.9	4.5	4.0
230-250	2.1	.6	.2									2.9	4.3	4.0
(W) 260-280		.1										.1	7.0	7.0
290-310	.2											.2	2.0	2.0
320-340	.2	.1										.3	3.5	2.0
VARIABLE														
CALM	////////////////////////////////////											69.3	////////////////////////////////	
TOTALS	21.4	6.5	2.6	.3	.2							100.0	1.4	4.0

TOTAL NUMBER OF OBSERVATIONS 1504



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.2	.4									.6	8.7	10.0
020-040	3.4	.8										4.2	3.6	4.0
050-070	2.0	.6	.2									2.8	4.3	3.0
(E) 080-100	2.6	1.2	.4									4.2	4.7	4.0
110-130														
140-160		.2										.2	6.0	6.0
(S) 170-190														
200-220	.6	.4										1.0	4.4	4.0
230-250	.2		.4									.6	8.0	10.0
(W) 260-280														
290-310														
320-340	.2	.6										.8	5.3	5.5
VARIABLE														
CALM	////////////////////											85.5	////	////
TOTALS	9.0	4.0	1.4									100.0	.7	4.0
TOTAL NUMBER OF OBSERVATIONS 497														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MCHTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1	.1									.4	6.7	8.0
020-040	1.6	1.3	.3									3.2	5.4	5.0
050-070	4.3	1.6	.3		.1							6.3	4.5	4.0
(E) 080-100	7.8	3.1	1.2									12.0	4.8	4.0
110-130	3.5	.7	.6									4.8	4.1	2.0
140-160	.6	.1	.1									.9	5.3	4.0
(S) 170-190	.1											.1	4.0	4.0
200-220	1.8	.4										2.2	3.6	4.0
230-250	1.0	1.9	.4									3.4	5.8	6.0
(W) 260-280	.1											.1	2.0	2.0
290-310	.1	.3										.4	5.3	6.0
320-340	.7		.1									.9	4.0	2.0
VARIABLE														
CALM	////////////////////////////////////											65.1	////////	
TOTALS	21.7	9.5	3.1		.1							100.0	1.6	4.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.4										.7	5.2	6.0
020-040	1.0	1.3	.4									2.8	6.2	6.0
050-070	3.7	.9	.7		.1							5.4	5.1	4.0
(E) 080-100	10.1	3.7	1.9	.3	.1							16.2	5.2	4.0
110-130	10.7	3.2	1.2									15.1	4.1	4.0
140-160	4.0	.7	.4	.1								5.3	4.4	4.0
(S) 170-190	1.2	.7			.1							2.1	5.6	4.0
200-220	2.8	1.3	.3									4.4	4.7	4.0
230-250	3.4	1.6	2.4									7.4	6.3	6.0
(W) 260-280	.4	.3										.7	4.4	4.0
290-310		.1										.1	8.0	8.0
320-340	.6	.3										.9	4.7	4.0
VARIABLE														
CALM	////////////////////											38.8	////	////
TOTALS	38.2	14.5	7.3	.4	.3							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	5-64	GE 65			
(N) 350-010	.6	.6	.3									1.5	5.8	6.0
020-040	2.9	.4	.3		.1							3.8	4.3	4.0
050-070	2.8	.6	.1									3.5	3.7	2.0
(E) 080-100	8.1	4.7	3.8	.1	.1							16.9	6.4	6.0
110-130	9.4	3.8	.7									14.0	4.5	4.0
140-160	4.0	1.6	.6									6.2	4.6	4.0
(S) 170-190	1.0	.3	.1									1.5	4.4	4.0
200-220	2.9	2.2	1.3									6.5	6.0	6.0
230-250	6.3	4.4	1.5									12.2	5.1	4.0
(W) 260-280	1.5	.3	.3									2.1	4.6	4.0
290-310														
320-340	.6	1.2										1.8	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											30.2	////////////////////////////////	
TOTALS	40.1	20.1	9.0	.1	.2							100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 681														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2										1.0	3.3	2.0
020-040	2.9	.2	.7									3.7	4.5	4.0
050-070	2.9	1.2	.2	.2								4.4	5.2	4.0
(E) 080-100	6.1	2.9	2.2									11.2	5.5	4.0
110-130	5.8	3.7	1.0									10.5	5.3	4.0
140-160	2.9	1.7	.2									4.8	4.6	4.0
(S) 170-190	.3	.7										1.0	5.0	6.0
200-220	3.2	1.5	.3									5.1	4.7	4.0
230-250	7.3	2.7	.3									10.4	4.1	4.0
(W) 260-280	.7	.2										.9	3.2	2.0
290-310														
320-340	1.0	.3										1.4	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											45.6	////////////////////////////////	
TOTALS	34.0	15.3	4.9	.2								100.0	2.6	4.0
TOTAL NUMBER OF OBSERVATIONS 588														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
													%	WIND	WIND
(N) 350-010		.4	.3	.2									.9	5.6	6.0
020-040		2.3	.8	.4		.0							3.5	4.9	4.0
050-070		3.2	1.0	.3	.0	.1							4.6	4.6	4.0
(E) 080-100		7.2	3.2	2.0	.1	.1							12.6	5.5	4.0
110-130		6.2	2.4	.7									9.4	4.5	4.0
140-160		2.4	.9	.3	.0								3.6	4.6	4.0
(S) 170-190		.6	.4	.0		.0							1.0	5.0	4.0
200-220		2.3	1.2	.4									4.0	5.0	4.0
230-250		3.7	2.2	1.1									7.0	5.2	4.0
(W) 260-280		.6	.2	.1									.8	4.2	4.0
290-310		.0	.1										.1	6.0	7.0
320-340		.6	.5	.0									1.2	4.7	4.0
VARIABLE													51.4		
CALM		////////////////////											51.4	////////////////	
TOTALS		29.5	13.2	5.5	.1	.2							100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS 3128															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.2	.3									.8	6.2	6.0
020-040	2.3	.6	.1									3.0	4.1	4.0
050-070	3.6	1.1	.6									5.3	4.6	3.0
(E) 080-100	7.5	3.3	1.6	.1								12.4	5.1	4.0
110-130	5.7	1.6	.1									7.3	3.7	4.0
140-160	1.0	.1	.1									1.2	3.2	2.0
(S) 170-190			.1		.1							.2	15.0	15.0
200-220	.5	.5										1.0	4.9	4.0
230-250	1.2	.6	.1									1.9	4.4	4.0
(W) 260-280	.1	.2										.3	5.3	6.0
290-310	.1											.1	2.0	2.0
320-340	.5											.5	2.0	2.0
VARIABLE														
C4LM	////////////////////////////////////											66.0	////////////////////////////////	
TOTALS	22.9	8.2	3.0	.1	.1							100.0	1.5	4.0

TOTAL NUMBER OF OBSERVATIONS 1094

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HCURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	4.0	4.0
020-040	2.6	1.0										3.6	3.6	2.0
050-070	2.4	.2										2.6	3.4	4.0
(E) 080-100	1.0	.2	.2	.4								1.8	7.1	4.0
110-130														
140-160														
(S) 170-190														
200-220		.2	.4									.6	10.0	10.0
230-250	1.0	.4	.2									1.6	4.3	3.0
(W) 260-280														
290-310														
320-340	.6											.6	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											88.9	////////////////////////////////	
TOTALS	7.8	2.0	.8	.4								100.0	.5	4.0
TOTAL NUMBER OF OBSERVATIONS 497														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	3.4											3.4	3.1	4.0
050-070	4.0	.4										4.4	3.1	2.0
(E) 080-100	10.9	2.5	1.6	.3								15.4	4.4	4.0
110-130	5.0	.3										5.3	3.1	2.0
140-160	1.8	.4										2.2	3.2	2.0
(S) 170-190	.4	.1										.6	3.8	2.0
200-220	1.2	1.3	.4									3.0	5.9	6.0
230-250	2.4	1.3	.3									4.0	4.7	4.0
(W) 260-280	.1	.1										.3	5.0	5.0
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											61.4	////////	
TOTALS	29.2	6.4	2.3	.3								100.0	1.6	4.0
TOTAL NUMBER OF OBSERVATIONS 677														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1											.1	2.0	2.0
020-040	2.3	.1	.3									2.7	3.7	2.0
050-070	4.2	1.7										5.9	4.0	4.0
(E) 080-100	11.2	3.7	1.3	.3								15.5	4.6	4.0
110-130	10.1	2.0	.7									12.8	4.0	4.0
140-160	4.7	.7										5.5	3.1	2.0
(S) 170-190	2.2											2.2	2.8	2.0
200-220	4.3	2.9	.4									7.6	4.9	4.0
230-250	5.2	2.7	1.4	.1								9.5	5.4	4.0
(W) 260-280	.4	.4										.9	4.3	5.0
290-310	.3											.3	3.0	3.0
320-340	.6											.6	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											35.5	//////////	
TOTALS	45.6	14.2	4.1	.4								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 696

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.3	.1									1.3	4.4	4.0
020-040	4.3	1.2										5.5	3.8	4.0
050-070	3.7	1.3	.4									5.5	4.6	4.0
(E) 080-100	7.4	3.8	1.2		.1							12.5	5.0	4.0
110-130	6.8	3.7	.7	.4								11.7	5.2	4.0
140-160	3.7	1.9	.1									5.8	4.4	4.0
(S) 170-190	2.5	.6										3.1	3.1	2.0
200-220	6.9	2.9	.6									10.5	4.5	4.0
230-250	5.8	5.2	1.9									12.8	5.7	6.0
(W) 260-280	2.4	1.0										3.4	4.2	4.0
290-310	.7	.3										1.0	4.0	4.0
320-340	.4		.1									.6	5.0	3.0
VARIABLE														
CALM	////////////////////											26.4	////////	
TOTALS	45.5	22.2	5.1	.4	.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8											.8	2.0	2.0
020-040	3.5	.5	.2									4.2	3.8	4.0
050-070	5.0	1.8	.2	.5								7.5	4.9	4.0
(E) 080-100	5.7	3.3	.7	.2								9.8	5.1	4.0
110-130	5.3	3.7	1.2									10.2	5.2	4.0
140-160	3.2	2.2	.2									5.5	4.8	4.0
(S) 170-190	.7	.3	.2									1.2	4.3	2.0
200-220	5.7	1.3										7.0	3.5	4.0
230-250	5.3	3.7	1.2	.3								10.5	5.7	4.0
(W) 260-280	1.0	.7										1.7	4.6	4.0
290-310	.2											.2	4.0	4.0
320-340	1.3											1.3	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											40.2	////////////////////////////////	
TOTALS	37.7	17.5	3.9	1.0								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 600

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
												%	WIND	WIND
(N) 350-010	.4	.1	.0									.5	3.5	2.0
020-040	3.2	.5	.1									3.9	3.6	4.0
050-070	3.9	1.1	.1	.1								5.3	4.1	4.0
(E) 080-100	7.7	2.9	1.0	.2	.0							11.8	4.8	4.0
110-130	5.8	2.0	.5	.1								8.4	4.5	4.0
140-160	2.8	1.1	.1									4.0	4.0	4.0
(S) 170-190	1.2	.2	.0									1.5	3.3	2.0
200-220	3.8	1.8	.4									6.0	4.6	4.0
230-250	4.1	2.8	1.0	.1								8.0	5.5	4.0
(W) 260-280	.8	.5										1.3	4.3	4.0
290-310	.3	.1										.3	3.8	4.0
320-340	.6		.0									.6	3.1	2.0
VARIABLE														
CALM	////////////////////////////////////											48.4	////////	
TOTALS	34.6	13.1	3.2	.5								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 3148

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 300 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.0	2.0
020-040	4.7	.7	.1									5.6	3.5	4.0
050-070	7.3	2.2	.2	.1								9.9	4.0	4.0
(E) 080-100	6.8	2.7	.7	.2								10.6	4.7	4.0
110-130	3.7	.6	.2									4.6	4.1	4.0
140-160	1.2	.4										1.6	3.8	4.0
(S) 170-190	.4											.4	2.0	2.0
200-220	1.4	.4	.2									2.0	4.4	4.0
230-250	2.4	1.0										3.4	4.1	4.0
(W) 260-280	.2	.1										.4	3.3	2.0
290-310	.4											.4	2.0	2.0
320-340	.6											.6	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											60.4	////////////////////////////////	
TOTALS	29.3	8.1	1.4	.3								100.0	1.6	4.0

TOTAL NUMBER OF OBSERVATIONS 805

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.0	2.0
020-040	2.5	.8										3.3	3.5	2.0
050-070	2.3											2.3	2.4	2.0
(E) 080-100	1.5	1.3										2.7	4.6	4.0
110-130	.6	.2										.8	4.0	4.0
140-160														
(S) 170-190														
200-220														
230-250	.8	.2	.6									1.7	6.3	5.0
(W) 260-280	.2											.2	2.0	2.0
290-310	2											.2	2.0	2.0
320-340	.2											.2	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											88.1	////////////////////////////////	
TOTALS	8.7	2.5	.6									100.0	.5	2.0
TOTAL NUMBER OF OBSERVATIONS 479														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	2.0	2.0
020-040	2.1	.2										2.3	2.5	2.0
050-070	3.5	.5										3.9	3.1	2.0
(E) 080-100	8.2	2.3	.8	.2								11.4	4.2	4.0
110-130	5.6	1.1										6.7	3.0	2.0
140-160	1.2											1.2	3.0	3.0
(S) 170-190														
200-220	2.1											2.1	2.4	2.0
230-250	1.4	1.4	.6									3.3	5.8	6.0
(W) 260-280	.3	.2										.5	3.3	2.0
290-310														
320-340	.5	.2										.6	4.0	4.0
VARIABLE												67.7		
CALM	////////////////////											67.7	////////////////	
TOTALS	25.2	5.9	1.4	.2								100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 659



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040	.7	.4	.1									1.3	4.4	4.0
050-070	2.0	.4	.1									2.6	3.9	4.0
(E) 080-100	11.2	2.5	.7	.1								14.6	3.9	2.0
110-130	14.0	2.9	.3									17.2	3.4	2.0
140-160	4.4	.7										5.1	3.1	2.0
(S) 170-190	1.0											1.0	2.3	2.0
200-220	3.5	1.5										5.0	3.9	4.0
230-250	4.2	3.4	1.9									9.5	6.0	6.0
(W) 260-280	.6	.3										.9	3.7	3.0
290-310														
320-340	.4	.3	.1									.9	6.0	6.0
VARIABLE	.1											.1	4.0	4.0
CALM	////////////////////////////////////											41.6	////////	
TOTALS	42.2	12.4	3.2	.1								100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION: VVSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.4		.1								1.9	4.8	4.0
020-040	2.2	.7	.6	.1								3.7	5.2	4.0
050-070	2.5	.7										3.2	3.7	4.0
(E) 080-100	8.2	2.4	.9	.6								12.1	4.5	2.0
110-130	11.6	3.1	.9									15.6	4.2	4.0
140-160	4.1	1.0	.4	.1								5.7	4.4	4.0
(S) 170-190	1.9	.4										2.4	3.4	3.0
200-220	7.1	2.6	.1	.1								10.0	4.0	4.0
230-250	7.5	5.1	1.3	.1								14.1	5.1	4.0
(W) 260-280	1.8	.1	.1									2.1	3.7	2.0
290-310	.1											.1	4.0	4.0
320-340	.7	.1										.9	3.7	4.0
VARIABLE														
CALM	////////////////////											28.2	//////////	
TOTALS	49.0	16.6	4.3	1.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	3.0	3.0
020-040	2.6	.9	.2									3.6	4.4	4.0
050-070	2.4	.5	.2	.2								3.3	4.6	4.0
(E) 080-100	6.3	2.6	.7									9.6	4.3	4.0
110-130	6.2	4.6	.5									11.3	4.6	4.0
140-160	3.9	2.1	.2									6.2	4.2	3.0
(S) 170-190	1.9	.2	.2									2.2	3.8	4.0
200-220	6.7	1.4										8.0	3.1	2.0
230-250	7.4	2.9	.9									11.1	4.5	4.0
(W) 260-280	.5	.5										1.0	4.7	5.0
290-310		.2										.2	6.0	6.0
320-340	.2	.2										.3	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											42.8	////////////////////////////////	
TOTALS	38.4	16.1	2.9	.2								100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS 584														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.1		.0								.6	3.9	3.0
020-040	2.0	.6	.2	.0								2.8	4.1	3.0
050-070	2.6	.5	.1	.0								3.1	3.6	2.0
(E) 080-100	7.5	2.2	.6	.2								10.6	4.2	4.0
110-130	8.1	2.5	.4									10.9	3.9	4.0
140-160	2.9	.8	.1	.0								3.8	3.9	2.0
(S) 170-190	1.0	.1	.0									1.2	3.3	2.0
200-220	4.0	1.2	.0	.0								5.3	3.6	2.0
230-250	4.4	2.8	1.1	.0								8.3	5.3	4.0
(W) 260-280	.7	.2	.0									1.0	3.8	2.0
290-310	.1	.0										.1	4.0	4.0
320-340	.4	.2	.0									.6	4.5	4.0
VARIABLE	.0											.0	4.0	4.0
CALM	////////////////////////////////////											51.7	////////////////////////////////	
TOTALS	34.2	11.2	2.5	.2								100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 3087

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3										.7	4.3	4.0
020-040	1.9	.4	.4									2.8	4.5	2.0
050-070	3.8	.3	.1									4.3	3.5	4.0
(E) 080-100	10.0	1.9	.6	.3								12.9	4.0	2.0
110-130	6.5	1.3	.4									8.2	3.8	4.0
140-160	1.5	.1										1.6	2.4	2.0
(S) 170-190	.7	.1										.9	3.0	2.0
200-220	3.3	.5										3.8	2.9	2.0
230-250	1.8	.5	.1									2.5	4.2	4.0
(W) 260-280	.2											.2	2.0	2.0
290-310	.1	.1										.2	5.0	5.0
320-340	.2	.2										.4	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											61.5	////////	
TOTALS	30.4	5.7	1.6	.3								100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 937

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6											.6	3.3	4.0
020-040	1.6	.6										2.3	3.5	2.0
050-070	1.0	.2										1.2	3.0	2.0
(E) 080-100	.4	.2										.6	3.3	2.0
110-130														
140-160														
(S) 170-190														
200-220	.2											.2	2.0	2.0
230-250	.4											.4	4.0	4.0
(W) 260-280														
290-310	.2											.2	2.0	2.0
320-340	2	.2										.4	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											94.1	////////////////////////////////	
TOTALS	4.6	1.2										100.0	.2	2.0

TOTAL NUMBER OF OBSERVATIONS 488

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.0										1.0	2.6	2.0
020-040	1.2	.4									1.6	3.3	2.0
050-070	3.9	.4									4.3	2.8	2.0
(E) 080-100	7.0	1.6	.3								8.9	3.5	2.0
110-130	5.2	.4	.1								5.8	3.0	2.0
140-160	.9										.9	2.0	2.0
(S) 170-190	.1										.1	2.0	2.0
200-220	1.3	.3									1.6	3.5	4.0
230-250	.4	.4									.9	5.3	6.0
(W) 260-280	.3										.3	2.0	2.0
290-310	.3	.1									.4	3.7	4.0
320-340	.1	.3									.4	5.3	6.0
VARIABLE													
CALM	////////////////////										73.5	////	////
TOTALS	21.7	3.9	.4								100.0	.9	2.0
TOTAL NUMBER OF OBSERVATIONS 671													

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3		.1									.4	6.0	4.0
020-040	.9	.6	.1									1.6	4.4	2.0
050-070	3.2	.6										3.8	3.5	4.0
(E) 080-100	12.6	2.7	.1	.1								15.6	3.6	2.0
110-130	14.5	2.2	.3									16.9	3.4	2.0
140-160	5.2	.6										5.8	2.8	2.0
(S) 170-190	1.3	.1										1.4	3.0	2.0
200-220	5.9	.9										6.8	3.2	2.0
230-250	4.2	.9	.1									5.2	3.4	2.0
(W) 260-280	.3	.4	.1									.9	6.2	6.5
290-310	.1											.1	2.0	2.0
320-340	.1	.3										.4	4.7	6.0
VARIABLE														
CALM	////////////////////											41.0	////////	
TOTALS	48.6	9.3	.8	.1								100.0	2.0	2.0
TOTAL NUMBER OF OBSERVATIONS 691														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.4	4.7	4.0
020-040	1.4	.4	.1									2.0	4.3	4.0
050-070	1.8	.1	.4									2.4	4.1	2.0
(E) 080-100	9.1	2.7	1.0		.1							12.9	4.4	4.0
110-130	11.5	3.0	.6									15.1	4.2	4.0
140-160	4.7	1.4	.6									6.7	4.1	4.0
(S) 170-190	2.8	.4										3.3	3.3	2.0
200-220	7.2	4.0	.1									11.4	4.3	4.0
230-250	5.4	3.7	.7									9.8	4.9	4.0
(W) 260-280	1.4	.4	.1									2.0	3.6	2.0
290-310	.3	.1										.4	4.3	4.0
320-340	.1	.4										.6	5.0	6.0
VARIABLE														
CALM	////////////////////////////////////											33.1	////////////////////////////////	
TOTALS	46.0	16.7	3.6		.1							100.0	2.9	4.

TOTAL NUMBER OF OBSERVATIONS 704

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	2.2	.8										3.0	3.9	4.0
050-070	1.2		.2									1.3	3.0	2.0
(E) 080-100	6.2	2.5	1.8									10.5	5.0	4.0
110-130	8.0	7.8	1.5	.2								17.5	5.5	6.0
140-160	3.3	.7										4.0	3.2	2.0
(S) 170-190	1.3	.5										1.8	3.3	2.0
200-220	7.0	1.0										8.0	3.2	2.0
230-250	3.8	1.7	.3									5.8	4.3	4.0
(W) 260-280	1.2	.7		.2								2.0	5.3	4.0
290-310	.5											.5	3.3	4.0
320-340	.2	.3										.5	4.7	6.0
VARIABLE														
CALM	////////////////////////////////////											44.9	////////////////////////////////	
TOTALS	34.9	16.0	3.8	.4								100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 599

OPERATING LOCATION "A"  
USAFETAC, ASKEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.0	.0									.5	3.8	4.0
020-040	1.4	.6	.1									2.1	3.9	4.0
050-070	2.3	.3	.1									2.7	3.3	2.0
(F) 080-100	7.5	2.1	.7	.0	.0							10.3	4.0	4.0
110-130	8.4	2.7	.5	.0								11.6	4.2	4.0
140-160	3.0	.6	.1									3.7	3.4	2.0
(S) 170-190	1.2	.2										1.4	3.2	2.0
200-220	4.6	1.3	.0									5.9	3.7	4.0
230-250	3.0	1.4	.3									4.7	4.4	4.0
(W) 260-280	.7	.3	.1	.0								1.1	4.6	4.0
290-310	.3	.1										.3	3.5	4.0
320-340	.2	.3										.5	4.9	6.0
VARIABLE														
CALM	////////////////////////////////////											55.1	////////////////////////////////	
TOTALS	33.0	9.9	1.9									100.0	1.8	4.0

TOTAL NUMBER OF OBSERVATIONS 3153

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	4.0	4.0
020-040	1.6	.4	.1									2.1	3.5	2.0
050-070	1.9	.2	.1									2.2	3.1	2.0
(E) 080-100	7.1	1.4	.4									8.9	3.6	2.0
110-130	8.9	1.9	.1	.1								11.0	3.5	2.0
140-160	1.7	.3	.1									2.1	3.2	2.0
(S) 170-190	.3											.3	2.7	2.0
200-220	2.7	1.1										3.8	4.3	4.0
230-250	.7	.9	.3									2.0	5.7	6.0
(W) 260-280	.3			.1								.4	5.8	3.0
290-310														
320-340		.3										.3	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											66.8	////////	
TOTALS	25.3	6.5	1.1	.2								100.0	1.3	2.0

TOTAL NUMBER OF OBSERVATIONS 948

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.4										.6	6.0	8.0
020-040	1.8	.6										2.4	3.8	4.0
050-070	.8	.6										1.4	4.0	4.0
(E) 080-100	.4		.2									.6	6.7	4.0
110-130			.2									.2	10.0	10.0
140-160														
(S) 170-190														
200-220														
230-250	.6											.6	2.7	2.0
(W) 260-280														
290-310														
320-340	.4											.4	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											93.9	////////////////////////////////	
TOTALS	4.2	1.6	.4									100.0	.3	4.0
TOTAL NUMBER OF OBSERVATIONS 506														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.3	4.0	4.0
020-040	1.3	.1	.1									1.5	3.6	2.0
050-070	3.9	.8	.4									5.1	3.9	2.0
(E) 080-100	6.3	2.1	.4									8.8	4.0	4.0
110-130	2.2	.4	.4									3.1	4.4	4.0
140-160	.4											.4	2.0	2.0
(S) 170-190	.1											.1	2.0	2.0
200-220	1.0											1.0	2.9	2.0
230-250	.6											.6	3.0	3.0
(W) 260-280	.6											.6	2.0	2.0
290-310		.1										.1	6.0	6.0
320-340	.3											.3	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											78.2	////////////////////////////////	
TOTALS	16.8	3.6	1.3									100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 719

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3										.4	5.3	6.0
020-040	1.0	.1										1.1	3.3	3.0
050-070	2.9	1.1	.3									4.2	4.1	4.0
(E) 080-100	9.8	4.0	1.4									15.1	4.4	4.0
110-130	11.4	3.3	.5	.1								15.4	4.0	4.0
140-160	2.7											2.7	2.8	2.0
(S) 170-190	1.0	.3										1.2	2.9	2.0
200-220	4.4	.8	.1									5.3	3.7	4.0
230-250	2.9	.7	.1									3.7	3.7	2.0
(W) 260-280	.7											.7	2.8	2.0
290-310														
320-340		.1	.3									.4	9.3	10.0
VARIABLE														
CALM	////////////////////////////////////											49.7	////////////////////////////////	
TOTALS	36.9	10.7	2.7	.1								100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 734

OPERATING LOCATION "AM"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3	.3									.7	7.2	6.0
020-040	2.0	.8										2.8	3.9	4.0
050-070	3.5	1.3	.1									4.9	3.9	4.0
(E) 080-100	9.9	2.6	.3	.1								13.0	3.8	4.0
110-130	9.8	4.2	.3									14.2	4.1	4.0
140-160	3.6	1.3										4.9	3.3	2.0
(S) 170-190	1.0	.3										1.3	3.2	2.0
200-220	6.1	2.2										10.3	3.5	4.0
230-250	6.4	2.0	.4									8.8	4.2	4.0
(W) 260-280	.6											.6	2.5	2.0
290-310														
320-340	.3	.1	.3									.7	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											37.9	////////////////////////////////	
TOTALS	45.3	15.1	1.7	.1								100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 717



OPERATING LOCATION "A"  
UBAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	2.2	1.0	.2									3.4	4.2	4.0
050-070	2.9	.3										3.2	3.0	2.0
(E) 080-100	5.1	1.1	.8	.6								7.7	5.3	4.0
110-130	7.5	2.6	.2									10.2	4.2	4.0
140-160	3.4	2.1										5.4	4.4	4.0
(S) 170-190	.3											.3	2.0	2.0
200-220	6.2	1.0										7.2	3.1	2.0
230-250	2.1	.5										2.6	3.6	4.0
(W) 260-280														
290-310	.2											.2	2.0	2.0
320-340	.5	.3										.8	4.8	4.0
VARIABLE		.2										.2	6.0	6.0
CALM	////////////////////////////////////											58.9	////////////////////////////////	
TOTALS	30.4	9.1	1.2	.6								100.0	1.7	4.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.2	.1									.4	6.0	6.0
020-040	1.6	.5	.1									2.2	3.9	4.0
050-070	2.9	.8	.2									3.9	3.8	4.0
(E) 080-100	6.7	2.1	.6	.2								9.6	4.3	4.0
110-130	6.6	2.2	.3	.0								9.1	4.1	4.0
140-160	2.1	.7										2.8	3.6	4.0
(S) 170-190	.5	.1										.6	2.9	2.0
200-220	4.1	.8	.0									5.0	3.4	2.0
230-250	2.6	.7	.1									3.4	3.9	4.0
(W) 260-280	.4											.4	2.5	2.0
290-310	.0	.0										.1	4.0	4.0
320-340	.3	.1	.1									.5	5.6	4.0
VARIABLE	.0											.0	6.0	6.0
CALM	////////////////////////////////////											61.9	////////////////////////////////	
TOTALS	27.9	8.2	1.5	.2								100.0	1.5	4.0

TOTAL NUMBER OF OBSERVATIONS 3301

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010		.7										.7	6.8	6.0
020-040	2.2	.8										3.0	3.4	2.0
050-070	3.4	.7	.1									4.2	3.6	3.0
(E) 080-100	5.0	2.0	.1									7.0	3.8	2.0
110-130	2.6	.9	.1	.1								3.8	4.2	4.0
140-160	.5	.4										.9	4.3	4.0
(S) 170-190	.3	.1										.4	3.3	2.0
200-220	.9	.5										1.4	4.0	4.0
230-250	1.0											1.0	3.0	3.0
(W) 260-280	.1											.1	2.0	2.0
290-310	.1											.1	2.0	2.0
320-340	.7		.1									.8	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											76.5	////////////////////////////////	
TOTALS	16.8	6.1	.4	.1								100.0	.9	4.0

TOTAL NUMBER OF OBSERVATIONS 766

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.2										.2	8.0	8.0
020-040	1.6	.4	.2									2.2	4.5	4.0
050-070	1.2	.2	.2									1.6	4.3	4.0
(E) 080-100	.8	.2										1.0	4.0	4.0
110-130	.2											.2	2.0	2.0
140-160														
(S) 170-190														
200-220	.4											.4	3.0	3.0
230-250	.2											.2	2.0	2.0
(W) 260-280	.2	.2										.4	4.0	4.0
290-310														
320-340														
VARIABLE	.2											.2	1.0	1.0
CALM	////////////////////////////////////											93.7	////////////////////////////////	
TOTALS	4.8	1.2	.4									100.0	.3	4.0

TOTAL NUMBER OF OBSERVATIONS 506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4											.4	2.7	2.0
020-040	1.6											1.6	2.2	2.0
050-070	1.9	.6	.1	.1								2.8	4.7	4.0
(E) 080-100	3.7	1.5	1.0									6.2	4.9	4.0
110-130	1.2	.1										1.3	2.4	2.0
140-160	.3											.3	2.0	2.0
(S) 170-190	.1											.1	4.0	4.0
200-220	.3	.1										.4	4.0	4.0
230-250		.1										.1	6.0	6.0
(W) 260-280	.1	.1										.3	4.0	4.0
290-310	.1											.1	4.0	4.0
320-340	.1											.1	4.0	4.0
VARIABLE	.1											.1	1.0	1.0
CALM	////////////////////////////////////											85.9	////////	
TOTALS	9.9	2.5	1.1	.1								100.0	.6	2.0

TOTAL NUMBER OF OBSERVATIONS 681

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	2.0	2.0
020-040	1.1											1.1	2.5	2.0
050-070	2.0	.6	.3	.1								3.0	5.3	4.0
(E) 080-100	9.5	2.9	1.1									13.5	4.3	4.0
110-130	6.7	.9										7.6	3.0	2.0
140-160	2.9											2.9	2.4	2.0
(S) 170-190	.6											.6	2.0	2.0
200-220	2.3	.7	.1									3.2	3.8	2.0
230-250	.3	.7	.1									1.1	6.3	6.0
(W) 260-280	.3		.1									.4	4.7	2.0
290-310														
320-340	.3											.3	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											66.0	////////////////////////////////	
TOTALS	26.3	5.8	1.7	.1								100.0	1.3	2.0

TOTAL NUMBER OF OBSERVATIONS 698

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040	1.1											1.1	3.0	3.0
050-070	3.0	.7	.4									4.1	4.4	4.0
(E) 080-100	9.7	1.1	1.0									11.8	3.6	2.0
110-130	6.4	.6	.4									7.4	3.3	2.0
140-160	2.4	.9		.1								3.4	4.3	4.0
(S) 170-190	1.1	.3										1.4	3.0	2.0
200-220	5.7	.1										5.8	2.9	2.0
230-250	2.6	1.1										3.7	3.9	3.0
(W) 260-280	.4	.3										.7	5.2	4.0
290-310	.1											.1	2.0	2.0
320-340	.6											.6	3.0	3.0
VARIABLE														
CALM	////////////////////											59.5	////////	
TOTALS	33.2	5.1	1.8	.1								100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	2-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2											.2	2.0	2.0
020-040	1.6	.5										2.1	3.7	4.0
050-070	1.4	.8										2.2	4.2	4.0
(E) 080-100	3.6	.5	.3									4.4	3.9	3.0
110-130	3.8	1.1	.3									5.2	4.2	4.0
140-160	1.6	.5										2.1	3.7	4.0
(S) 170-190														
200-220	1.9	.3	.2									2.4	3.2	2.0
230-250	.8	.5										1.3	3.5	2.0
(W) 260-280		.2										.2	6.0	6.0
290-310														
320-340	.2											.2	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											79.9	////////////////////////////////	
TOTALS	15.1	4.4	.8									100.0	.8	4.0
TOTAL NUMBER OF OBSERVATIONS 631														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.0										.2	3.0	2.0
020-040	1.4	.2	.0									1.6	3.3	2.0
050-070	2.0	.6	.2	.1								2.8	4.6	4.0
(E) 080-100	5.8	1.3	.7									7.8	4.1	4.0
110-130	3.9	.6	.2									4.6	3.3	2.0
140-160	1.5	.3		.0								1.8	3.4	2.0
(S) 170-190	.4	.1										.5	2.8	2.0
200-220	2.2	.3	.1									2.6	3.2	2.0
230-250	.8	.5	.0									1.4	4.3	4.0
(W) 260-280	.2	.2	.0									.4	4.8	4.0
290-310	.1											.1	3.0	3.0
320-340	.2											.2	3.0	3.0
VARIABLE	.1											.1	1.0	1.0
CALM	////////////////////////////////////											75.9	////////////////////////////////	
TOTALS	18.8	4.1	1.2	.1								100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 3218

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.2	4.0	2.0
020-040	1.7	.1										1.9	3.0	2.0
050-070	1.5	.3	.1	.1								2.1	4.7	4.0
(E) 080-100	3.2	.4	.2									3.8	3.5	2.0
110-130	1.8											1.8	2.5	2.0
140-160	.5											.5	2.6	2.0
(S) 170-190	.4											.4	2.0	2.0
200-220	2.2	.3										2.4	3.1	2.0
230-250	.4	.3	.1									.8	5.0	5.0
(W) 260-280	.1	.1										.3	4.0	4.0
290-310														
320-340	.3											.3	3.5	4.0
VARIABLE														
CALM	////////////////////											85.5	//////////	
TOTALS	12.2	1.6	.4	.1								100.0	.5	2.0

TOTAL NUMBER OF OBSERVATIONS 1438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.4										1.3	4.3	4.0
020-040	2.9	1.1										4.0	3.6	3.0
050-070	1.5	.2										1.6	3.1	2.0
(E) 080-100	.2		.2		.2							.5	11.3	10.0
110-130					.2							.2	22.0	22.0
140-160	.4											.4	2.0	2.0
(S) 170-190														
200-220	.5											.5	2.7	2.0
230-250	.5	.4										.9	3.6	2.0
(W) 260-280	.2	.2										.4	4.0	4.0
290-310														
320-340	.5											.5	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											89.6	////////////////////////////////	
TOTALS	7.6	2.3	.2		.4							100.0	.4	2.0

TOTAL NUMBER OF OBSERVATIONS 546

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.7	2.0
020-040	1.5	.1										1.6	3.2	2.0
050-070	1.7	.4										2.1	3.8	4.0
(E) 080-100	1.9	.9	.3	.1								3.2	5.1	4.0
110-130	.3		.3	.1								.7	10.4	14.0
140-160														
(S) 170-190														
200-220	.9	.3										1.2	3.1	2.0
230-250	.9											.9	3.0	3.0
(W) 260-280														
290-310														
320-340	.3	.1										.4	4.0	4.0
VARIABLE	.1											.1	1.0	1.0
CALM	////////////////////											89.3	////////////////	
TOTALS	8.0	1.8	.6	.2								100.0	.5	4.0

TOTAL NUMBER OF OBSERVATIONS 746

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1	.5									.9	8.3	10.0
020-040	1.4	.8										2.2	4.7	4.0
050-070	2.2	.3	.1									2.6	3.4	2.0
(E) 080-100	8.7	2.6	.5	.1								12.0	4.0	4.0
110-130	2.5	.1	.1									2.8	3.3	2.0
140-160	1.6		.1									1.7	3.5	2.0
(S) 170-190	.1											.1	2.0	2.0
200-220		1.3										3.9	4.5	4.0
230-250	1.4	.5	.3									2.2	4.8	4.0
(W) 260-280	.1											.1	2.0	2.0
290-310			.1									.1	10.0	10.0
320-340	.1											.1	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											71.1	////////////////////////////////	
TOTALS	21.0	5.7	1.7	.1								100.0	1.2	4.0

TOTAL NUMBER OF OBSERVATIONS 760

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	.1	.1									.9	4.6	4.0
020-040	2.0	.9										2.9	4.3	4.0
050-070	1.8	.5	.4									2.7	4.8	4.0
(E) 080-100	4.6	1.0	.7	.1								6.4	4.4	4.0
110-130	3.1	.7	.1									3.9	3.0	2.0
140-160	1.2	.3										1.4	3.6	4.0
(S) 170-190														
200-220	3.7	1.4	.3									5.3	4.3	4.0
230-250	3.0	.9	.1									4.0	4.0	4.0
(W) 260-280	.1											.1	2.0	2.0
290-310														
320-340	.3											.3	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											72.0	////////////////////////////////	
TOTALS	20.5	5.8	1.7	.1								100.0	1.1	4.0
TOTAL NUMBER OF OBSERVATIONS 767														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.2										.2	6.0	6.0
020-040	2.3	.5	.2									2.9	3.7	2.0
050-070	2.4		.3									2.7	3.6	2.0
(E) 080-100	2.1	.3	.2									2.6	3.9	4.0
110-130	.6	.5										1.1	4.4	4.0
140-160	.5	.3										.8	4.0	4.0
(S) 170-190														
200-220	2.0	.2										2.1	2.9	2.0
230-250	1.1	.6										1.7	4.2	4.0
(W) 260-280	.2											.2	2.0	2.0
290-310	.5											.5	4.0	4.0
320-340	.3											.3	4.0	4.0
VARIABLE														
CALM	////////////////////											85.1	////	////
TOTALS	12.0	2.6	.7									100.0	.6	4.0
TOTAL NUMBER OF OBSERVATIONS 659														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.4	1	.1								.7	5.4	4.0
020-040	2.0	.7	.0								2.6	3.9	4.0
050-070	2.0	.3	.2								2.4	3.8	4.0
(E) 080-100	3.7	1.1	.4	.1	.0						5.3	4.4	4.0
110-130	1.4	.3	.1	.0	.0						1.8	4.1	2.0
140-160	.7	.1	.0								.9	3.5	2.0
(S) 170-190	.0										.0	2.0	2.0
200-220	2.0	.7	.1								2.8	4.0	4.0
230-250	1.5	.5	.1								2.0	4.1	4.0
(W) 260-280	.1	.0									.1	2.8	2.0
290-310	.1		.0								.1	5.5	4.0
320-340	.3	.0									.3	3.3	4.0
VARIABLE	.0										.0	1.0	1.0
CALM	////////////////////////////////////										80.7	////////	
TOTALS	14.2	3.8	1.0	.1							100.0	.8	4.0

TOTAL NUMBER OF OBSERVATIONS 3478



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 50-010	.5		.1									.7	4.6	3.0
020-040	2.2	.8										3.0	4.1	4.0
050-070	2.2	.3	.3									2.9	4.0	3.0
(E) 080-100	1.7	.5	.4	.2	.1							2.8	5.9	4.0
110-130	.8	.1	.2	.1	.1							1.2	6.4	2.0
140-160	.3											.3	2.8	2.0
(S) 170-190														
200-220	1.5	.3										1.8	3.2	2.0
230-250	1.0	.2										1.2	3.5	4.0
(W) 260-280		.1										.1	6.0	6.0
290-310	.2											.2	4.0	4.0
320-340	.5											.5	3.4	4.0
VARIABLE														
CALM	////////////////////////////////////											85.4	////////	
TOTALS	10.9	2.3	1.0	.3	.2							100.0	.6	4.0

TOTAL NUMBER OF OBSERVATIONS 1534

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	.2										.6	5.3	4.0
020-040	4.0	.6	.2									4.8	3.8	4.0
050-070	2.0	1.0										3.0	3.8	4.0
(E) 080-100	.4	.2										.6	3.3	2.0
110-130	.2											.2	2.0	2.0
140-160														
(S) 170-190														
200-220	.8											.8	2.0	2.0
230-250	.2											.2	2.0	2.0
(W) 260-280	.2											.2	2.0	2.0
290-310	.4											.4	2.0	2.0
320-340		.2										.2	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											89.0	////////////////////////////////	
TOTALS	8.6	2.2	.2									100.0	.4	4.0

TOTAL NUMBER OF OBSERVATIONS 501

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.3	4.0	4.0
020-040	1.9	1.0	.1									3.1	4.6	4.0
050-070	1.7	1.0										2.8	4.6	4.0
(E) 080-100	1.5	.4	.1									2.0	4.4	4.0
110-130	.1											.1	2.0	2.0
140-160														
(S) 170-190														
200-220	.4											.4	2.7	2.0
230-250	.3	.1										.4	4.0	4.0
(W) 260-280	.1											.1	4.0	4.0
290-310	.1											.1	4.0	4.0
320-340	.1											.1	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											90.4	////////////////////////////////	
TOTALS	6.3	2.6	.2									100.0	.4	4.0

TOTAL NUMBER OF OBSERVATIONS 688

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.4	.1									.6	8.5	7.0
020-040	1.4	.9	.1	.1								2.6	5.7	4.0
050-070	2.9	.1	.1									3.2	3.5	4.0
(E) 080-100	5.6	1.6	.3									7.4	4.1	4.0
110-130	3.3	.3	.1									3.7	3.2	2.0
140-160	.6	.3										.9	4.0	3.0
(S) 170-190														
200-220	2.7	.3										3.0	3.0	2.0
230-250	1.6	.4										2.0	3.4	3.0
(W) 260-280														
290-310														
320-340	.6											.6	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											76.1	////////////////////////////////	
TOTALS	18.7	4.3	.7	.1								100.0	.9	4.0
TOTAL NUMBER OF OBSERVATIONS 698														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.1										.6	4.0	3.0
020-040	1.9	.4										2.3	3.5	2.0
050-070	.4	.6	.3									1.2	6.2	6.0
(E) 080-100	2.6	1.4	.4									4.4	4.8	4.0
110-130	2.3	.4										2.8	3.7	4.0
140-160	1.0											1.0	2.6	2.0
(S) 170-190	.3											.3	3.0	3.0
200-220	3.3	.1										3.5	2.7	2.0
230-250	2.5	.6										3.0	3.4	2.0
(W) 260-280		.1										.1	6.0	6.0
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											80.8	////////////////////////////////	
TOTALS	14.7	3.7	.7									100.0	.7	4.0
TOTAL NUMBER OF OBSERVATIONS 724														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-6.	GE 65			
(N) 350-010														
020-040	1.6	.6										2.3	3.9	4.0
050-070	1.4	1.3										2.7	4.8	4.0
(E) 080-100	1.9	.3	.3									2.6	4.1	2.0
110-130	.5	.2										.6	3.5	3.0
140-160														
(S) 170-190														
200-220	1.1	.2										1.3	3.5	4.0
230-250	1.8	.2										1.9	3.2	2.0
(W) 260-280	.5											.5	2.7	2.0
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											88.1	////////////////////////////////	
TOTALS	8.8	2.8	.3									100.0	.5	4.0
TOTAL NUMBER OF OBSERVATIONS 621														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.2	.0									.4	5.7	6.0
020-040	2.1	.7	.1	.0								2.9	4.3	4.0
050-070	1.7	.8	.1									2.5	4.4	4.0
(E) 080-100	2.5	.8	.2									3.6	4.3	4.0
110-130	1.4	.2	.0									1.6	3.3	2.0
140-160	.3	.1										.4	3.2	2.0
(S) 170-190	.1											.1	3.0	3.0
200-220	1.8	.1										1.9	2.9	2.0
230-250	1.3	.3										1.6	3.3	2.0
(W) 260-280	.2	.0										.2	3.3	3.0
290-310	.1											.1	2.7	2.0
320-340	.2	.0										.2	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											84.5	////////////////////////////////	
TOTALS	11.9	3.2	.4									100.0	.6	4.0

TOTAL NUMBER OF OBSERVATIONS 3232

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.1	.1										.3	5.0	5.0
020-040	1.4	.6	.1									2.0	4.1	4.0
050-070	1.3	.5	.1									1.9	4.5	4.0
(E) 080-100	1.1	.4	.3									1.8	4.5	4.0
110-130	.5	.1										.6	3.3	2.0
140-160	.3											.3	2.0	2.0
(S) 170-190	.1											.1	3.0	3.0
200-220	2.0											2.0	2.5	2.0
230-250	1.8	.2										1.9	2.9	2.0
(W) 260-280	.1	.1										.2	4.0	4.0
290-310														
320-340	.2											.2	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											88.7	////	////
TOTALS	8.9	2.0	.5									100.0	.4	2.0

TOTAL NUMBER OF OBSERVATIONS 1539



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MOTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.0	2.0
020-040	1.2	.4	1.6									3.2	7.3	9.0
050-070	1.0	.2										1.2	2.8	2.0
(E) 080-100	.2	.6										.8	6.0	7.0
110-130														
140-160														
(S) 170-190	.2											.2	2.0	2.0
200-220	2.8											2.8	2.7	2.0
230-250	2.0	.6	.2									2.8	3.9	2.0
(W) 260-280	.4											.4	2.0	2.0
290-310														
320-340	.4											.4	3.0	3.0
VARIABLE														
CALM	////////////////////											88.2	////////	
TOTALS	8.4	1.8	1.8									100.0	.5	2.0
TOTAL NUMBER OF OBSERVATIONS 507														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3											.3	3.0	3.0
020-040	2.8	.8	.3									3.9	4.3	4.0
050-070	1.8	.8			.1							2.8	4.8	4.0
(E) 080-100	.3	.1	.1			.1						.7	10.0	6.0
110-130	.6	.1										.7	4.0	4.0
140-160	.1											.1	4.0	4.0
(S) 170-190	.1											.1	2.0	2.0
200-220	2.9	.1										3.0	2.6	2.0
230-250	1.7	.4										2.1	3.3	2.0
(W) 260-280	.3											.3	3.0	3.0
290-310														
320-340	.4											.4	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											85.6	////////////////////////////////	
TOTALS	11.3	2.3	.4		.1	.1						100.0	.6	4.0
TOTAL NUMBER OF OBSERVATIONS 722														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3		.1									.4	6.0	4.0
020-040	2.5	.9	.4									3.8	4.8	4.0
050-070	1.9	.6										2.5	3.8	4.0
(E) 080-100	2.6	.7	.1									3.5	3.6	2.0
110-130	1.2	.6										1.7	4.2	4.0
140-160	.4	.3										.7	4.4	4.0
(S) 170-190	.1	.1										.3	4.0	4.0
200-220	4.4	.9										5.2	3.1	2.0
230-250	3.8	.9	.3									4.9	4.2	4.0
(W) 260-280	.6											.6	3.0	3.0
290-310	.3											.3	2.0	2.0
320-340	.3											.3	4.0	4.0
VARIABLE														
CALM	////////////////////											75.7	////	////
TOTALS	18.4	5.0	.9									100.0	.9	4.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.....														
(N) 350-010														
020-040	1.1	.9	.4									2.4	5.5	6.0
050-070	.7	.4										1.1	3.8	3.0
(E) 080-100	1.6	.1	.4				.1					2.3	5.9	2.0
110-130	1.1	.1										1.3	3.1	2.0
140-160	.1											.1	2.0	2.0
.....														
(S) 170-190														
200-220	4.0	.7										4.7	3.7	4.0
230-250	4.6	2.0	.1									6.7	4.4	4.0
(W) 260-280	.1											.1	4.0	4.0
290-310														
320-340	.9											.9	2.7	2.0
.....														
VARIABLE														
CALM	////////////////////////////////////											80.3	////////////////////////////////	
TOTALS	14.2	4.2	.9				.1					100.0	.9	4.0
TOTAL NUMBER OF OBSERVATIONS 701														
.....														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	3.0	3.0
020-040	.8	.8										1.6	5.6	5.0
050-070	1.5	.7										2.1	3.8	4.0
(E) 080-100	.5	.3										.8	4.8	4.0
110-130														
140-160	.2											.2	2.0	2.0
(S) 170-190														
200-220	2.8	.5										3.3	3.4	2.0
230-250	2.0	.2										2.1	3.4	4.0
(W) 260-280														
290-310	.2											.2	2.0	2.0
320-340	.7											.7	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											88.7	////////////////////////////////	
TOTALS	9.0	2.5										100.0	.4	4.0

TOTAL NUMBER OF OBSERVATIONS 609

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.2		.0								.2	4.0	4.0
020-040	1.7	.8	.5								3.0	5.3	4.0
050-070	1.4	.6			.0						2.0	4.0	4.0
(E) 080-100	1.1	.4	.2			.1					1.7	5.2	3.0
110-130	.6	.2									.8	3.8	4.0
140-160	.2	.1									.2	3.8	3.0
(S) 170-190	.1	.0									.1	3.0	2.0
200-220	3.4	.5									3.9	3.2	2.0
230-250	2.9	.8	.1								3.8	4.0	4.0
(W) 260-280	.3										.3	2.9	2.0
290-310	.1										.1	2.0	2.0
320-340	.5										.5	2.7	2.0
VARIABLE													
CALM	////////////////////										83.3	////////	
TOTALS	12.5	3.4	.8			.1					100.0	.7	4.0

TOTAL NUMBER OF OBSERVATIONS 3226

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	3.0	3.0
020-040	2.1	1.3	.5									3.9	5.2	4.0
050-070	.7	.3			.1							1.1	4.4	2.0
(E) 080-100	.6	.2	.2			.1						1.1	6.9	4.0
110-130	.3	.2										.5	4.3	4.0
140-160														
(S) 170-190														
200-220	2.3	.5										2.8	3.3	2.0
230-250	3.5	1.2	.1									4.7	3.9	4.0
(W) 260-280	.3											.3	3.5	4.0
290-310														
320-340	.2											.2	2.0	2.0
VARIABLE														
CALM	////////////////////											85.3	////////	
TOTALS	10.2	3.7	.8		.1	.1						100.0	.6	4.0

TOTAL NUMBER OF OBSERVATIONS 1266

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.3	.1	.1	.0	.0							.6	5.5	4.0
020-040	2.1	.7	.2	.0	.0							3.0	4.4	4.0
050-070	2.4	.6	.2	.0	.0							3.2	4.2	4.0
(E) 080-100	4.9	1.7	.7	.1	.0	.0						7.4	4.7	4.0
110-130	4.3	1.3	.3	.0	.0							5.9	4.1	4.0
140-160	1.6	.5	.1	.0								2.1	3.8	4.0
(S) 170-190	.5	.1	.0		.0							.6	3.4	2.0
200-220	3.0	.8	.1	.0								4.0	3.8	4.0
230-250	2.5	1.3	.4	.0	.0							4.2	4.9	4.0
(W) 260-280	.4	.1	.0	.0								.5	3.9	4.0
290-310	.1	.0	.0									.1	3.5	2.0
320-340	.4	.2	.0									.6	4.4	4.0
VARIABLE	.0	.0										.0	2.6	1.0
CALM	////////////////////////////////////											67.8	////////////////////////////////	
TOTALS	22.5	7.4	2.1	.1								100.0	1.4	4.0

TOTAL NUMBER OF OBSERVATIONS: 38552



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.2	.1	.0								.4	5.1	4.0
020-040	2.1	.7	.1		.0						3.0	4.1	4.0
050-070	2.4	.6	.2	.0	.0						3.3	4.3	4.0
(E) 080-100	3.8	1.2	.5	.1	.1	.0					5.7	4.7	4.0
110-130	2.9	.5	.1	.0	.0						3.6	3.6	2.0
140-160	.7	.1	.0								.8	3.0	2.0
(S) 170-190	.2	.0	.0		.0						.2	3.5	2.0
200-220	2.0	.4	.0								2.4	3.5	2.0
230-250	1.5	.6	.1	.0	.0						2.2	4.3	4.0
(W) 260-280	.1	.1		.0							.2	4.0	2.0
290-310	.1	.0									.1	2.9	2.0
320-340	.3	.1	.0								.3	3.6	3.0
VARIABLE													
CALM	////////////////////										77.8	////////	
TOTALS	16.3	4.4	1.0	.1	.1						100.0	.9	4.0

TOTAL NUMBER OF OBSERVATIONS: 14897

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JAN HOURS: 06-03

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	10.7	24.2	26.6	26.8	32.9	41.1	42.5	49.4	54.8	55.8	62.1	64.9	67.1	68.3	69.0	71.6
GE 4500	10.7	24.2	26.6	26.8	32.9	41.1	42.5	49.4	54.8	55.8	62.1	64.9	67.1	68.3	69.0	71.6
GE 4000	10.7	24.2	27.0	27.2	33.5	41.7	43.1	50.0	55.4	56.5	62.7	65.5	67.7	69.0	69.6	72.2
GE 3500	10.7	24.2	27.2	27.6	33.9	42.1	43.5	50.6	56.3	57.5	64.5	67.3	69.6	70.8	71.4	74.0
GE 3000	11.1	24.6	27.6	28.0	34.7	42.9	44.4	51.6	57.5	58.9	66.3	69.2	71.8	73.0	73.6	76.2
GE 2500	11.1	24.6	27.6	28.0	34.9	43.3	45.0	52.4	58.3	59.7	67.1	70.0	72.8	74.2	74.8	77.4
GE 2000	11.3	24.8	27.8	28.2	35.1	44.0	45.6	54.0	60.1	61.5	69.4	72.2	75.0	76.4	77.0	79.6
GE 1800	11.3	24.8	27.8	28.2	35.1	44.0	45.6	54.0	60.1	61.5	69.4	72.2	75.0	76.4	77.0	79.6
GE 1500	11.3	24.8	27.8	28.2	35.1	44.2	45.8	54.4	60.5	61.9	69.8	72.8	75.6	77.0	77.8	80.8
GE 1200	11.3	24.8	27.8	28.2	35.1	44.2	45.8	54.6	60.9	62.3	70.2	73.2	76.0	77.4	78.2	81.3
GE 1000	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	70.8	73.8	77.2	79.4	81.0	84.5
GE 900	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	70.8	73.8	77.2	79.4	81.3	84.7
GE 800	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	70.8	73.8	77.4	80.0	82.5	86.3
GE 700	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	70.8	73.8	77.4	80.0	82.5	86.3
GE 600	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	70.8	73.8	77.4	80.0	82.7	86.7
GE 500	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	71.2	74.2	78.0	80.6	84.1	88.1
GE 400	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	71.2	74.2	78.0	80.6	84.3	88.7
GE 300	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	71.2	74.2	78.0	80.6	84.3	88.9
GE 200	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	71.2	74.2	78.0	80.6	84.3	90.1
GE 100	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	71.2	74.2	78.0	80.6	84.3	91.9
GE 000	11.3	24.8	27.8	28.2	35.1	44.2	45.8	55.0	61.3	62.7	71.2	74.2	78.0	80.8	84.5	100.0

TOTAL NUMBER OF OBSERVATIONS 496

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	11.6	21.5	25.3	26.7	31.8	36.1	39.6	45.9	49.2	52.1	60.4	63.7	66.8	69.2	70.8	73.4
GE 4500	11.9	21.8	25.5	27.0	32.1	36.4	39.9	46.2	49.5	52.4	60.7	64.0	67.1	69.5	71.1	73.7
GE 4000	11.9	21.8	25.5	27.0	32.2	36.6	40.2	46.4	50.2	53.3	61.7	65.0	68.1	70.5	72.1	74.7
GE 3500	12.0	22.1	25.8	27.3	32.7	37.0	40.6	47.0	50.8	53.8	62.3	65.6	68.7	71.1	72.7	75.3
GE 3000	12.0	22.1	25.8	27.4	32.9	37.3	41.1	47.5	51.4	54.4	63.1	66.6	70.0	72.4	74.0	76.8
GE 2500	12.0	22.1	25.8	27.4	32.9	37.6	41.4	47.9	51.8	55.2	64.0	67.6	71.1	73.6	75.2	78.2
GE 2000	12.0	22.1	25.8	27.4	32.9	37.6	41.4	47.9	52.0	55.6	64.7	68.4	71.8	74.3	76.1	79.1
GE 1800	12.0	22.1	25.8	27.4	33.1	37.7	41.5	48.2	52.4	56.0	65.3	68.9	72.4	74.9	76.6	79.7
GE 1500	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.5	65.7	69.5	73.1	75.8	77.5	80.8
GE 1200	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.3	70.4	74.2	76.9	78.7	82.1
GE 1000	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	70.7	75.3	79.0	81.1	84.8
GE 900	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	70.7	75.5	79.1	81.3	84.9
GE 800	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.2	80.1	82.6	87.2
GE 700	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.2	80.1	82.7	87.4
GE 600	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.3	80.7	83.3	88.1
GE 500	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.3	80.8	84.3	89.6
GE 400	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.3	81.0	84.8	90.4
GE 300	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.3	81.0	84.8	91.4
GE 200	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.3	81.0	84.8	93.8
GE 100	12.2	22.2	26.0	27.6	33.2	37.9	41.7	48.5	52.8	56.7	66.5	71.3	76.3	81.0	84.8	94.5
GE 000	12.3	22.4	26.1	27.7	33.4	38.0	41.8	48.6	53.0	56.9	66.6	71.4	76.5	81.1	84.9	100.0

TOTAL NUMBER OF OBSERVATIONS 689

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	8.2	18.0	22.9	25.1	30.8	38.7	42.8	47.9	51.3	56.2	66.1	69.1	72.0	74.2	74.8	76.1
GE 4500	8.7	18.5	23.3	25.5	31.2	39.1	43.3	48.4	51.8	56.6	66.6	69.5	72.4	74.6	75.2	76.5
GE 4000	8.9	18.8	23.8	26.0	31.8	39.7	44.0	49.1	52.5	57.5	67.7	70.7	73.8	76.0	76.5	77.9
GE 3500	9.1	19.1	24.0	26.2	32.6	41.3	45.6	50.9	54.3	59.2	69.5	72.4	75.5	77.7	78.3	79.6
GE 3000	9.4	19.4	24.3	26.5	33.0	41.8	46.2	51.8	55.3	60.7	70.8	73.8	77.0	79.2	79.8	81.1
GE 2500	9.4	19.4	24.3	26.5	33.1	42.1	46.6	52.6	56.2	61.1	72.0	74.9	78.3	80.8	81.4	82.7
GE 2000	9.4	19.4	24.3	26.5	33.3	42.4	46.9	52.9	56.5	61.6	73.0	76.0	80.2	82.7	83.3	84.6
GE 1800	9.4	19.4	24.3	26.5	33.3	42.4	46.9	52.9	56.5	61.6	73.0	76.0	80.2	82.7	83.3	84.6
GE 1500	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	56.9	62.0	73.9	77.0	81.8	84.5	85.3	86.8
GE 1200	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	74.6	77.9	82.8	85.5	86.4	87.8
GE 1000	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	74.9	78.2	83.9	87.4	88.3	89.7
GE 900	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	74.9	78.3	84.0	87.7	88.6	90.0
GE 800	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	84.6	88.7	90.5	92.1
GE 700	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	84.6	88.7	90.5	92.2
GE 600	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	84.8	89.1	90.9	92.8
GE 500	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	85.0	89.6	92.1	94.9
GE 400	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	85.2	89.9	92.5	95.7
GE 300	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	85.2	89.9	92.5	96.0
GE 200	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	85.2	89.9	92.5	96.9
GE 100	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	85.2	89.9	92.5	97.7
GE 000	9.4	19.4	24.3	26.5	33.3	42.5	47.1	53.1	57.0	62.5	75.2	78.7	85.2	89.9	92.5	100.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS														
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000	10.4	22.9	27.6	29.9	38.0	44.3	48.0	54.0	56.7	60.0	71.1	73.4	77.1	78.9	79.8 80
GE 4500	10.4	22.9	27.6	29.9	38.0	44.3	48.0	54.0	56.7	60.0	71.2	73.5	77.2	79.1	79.9 80
GE 4000	10.8	23.5	28.5	30.8	39.0	45.3	49.0	55.6	58.5	61.8	73.1	75.4	79.1	80.9	81.8 82
GE 3500	11.1	23.8	28.8	31.3	40.0	46.6	50.3	57.1	60.1	63.4	74.9	77.2	80.9	82.8	83.6 84
GE 3000	11.1	23.8	28.9	31.5	40.5	47.2	51.0	58.3	61.5	64.8	76.5	78.8	82.5	84.5	85.3 86
GE 2500	11.1	23.8	28.9	31.5	40.6	47.6	51.4	58.7	62.0	65.4	77.4	79.6	83.5	85.8	86.6 87
GE 2000	11.1	23.8	28.9	31.5	40.6	47.6	51.4	58.7	62.0	65.4	78.1	80.5	84.3	86.6	87.5 88
GE 1800	11.1	23.8	28.9	31.5	40.6	47.6	51.4	58.7	62.0	65.4	78.1	80.5	84.3	86.6	87.5 88
GE 1500	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.7	79.3	81.8	85.6	87.9	88.7 89
GE 1200	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	79.8	82.3	86.2	88.7	89.7 90
GE 1000	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	80.2	82.9	87.0	90.0	91.2 92
GE 900	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	80.6	83.3	87.7	90.7	91.9 93
GE 800	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.2	91.7	93.0 94
GE 700	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	93.2 94
GE 600	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	93.4 95
GE 500	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	93.7 95
GE 400	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	94.0 96
GE 300	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	94.0 96
GE 200	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	94.0 97
GE 100	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	94.0 97
GE 000	11.1	23.8	28.9	31.5	41.0	48.0	51.9	59.3	63.0	66.8	81.1	83.8	88.3	91.9	94.0 100

TOTAL NUMBER OF OBSERVATIONS 702



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	7.5	16.8	19.2	21.3	27.2	33.8	35.2	43.2	47.1	48.8	58.5	62.6	65.8	68.7	69.2	71.1
GE 4500	7.5	16.8	19.2	21.3	27.2	33.8	35.2	43.2	47.1	48.8	58.5	62.6	65.8	68.7	69.2	71.1
GE 4000	7.5	16.8	19.2	21.3	27.2	34.7	36.4	44.7	49.1	50.9	61.1	65.1	68.4	71.3	71.8	73.6
GE 3500	8.0	17.3	19.9	21.9	27.9	35.4	37.1	45.4	49.8	51.7	61.9	66.0	69.2	72.1	72.6	74.5
GE 3000	8.2	17.5	20.2	22.6	29.4	37.1	38.8	47.4	51.9	54.3	65.1	69.4	72.6	75.5	76.0	77.9
GE 2500	8.2	17.5	20.2	22.6	29.4	37.1	38.8	47.6	52.2	55.3	66.5	71.8	75.0	78.4	78.9	80.8
GE 2000	8.2	17.5	20.2	22.6	29.4	37.1	38.8	47.6	52.6	55.6	67.0	72.3	76.5	79.9	80.4	82.3
GE 1800	8.2	17.5	20.2	22.6	29.4	37.1	38.8	47.6	52.7	55.8	67.3	72.6	76.9	80.3	80.8	82.7
GE 1500	8.2	17.5	20.2	22.6	29.4	37.2	38.9	47.8	52.9	56.1	68.4	73.8	78.1	81.5	82.1	84.0
GE 1200	8.2	17.5	20.2	22.6	29.4	37.2	38.9	47.8	52.9	56.1	68.4	73.8	78.1	81.5	82.5	84.4
GE 1000	8.2	17.5	20.2	22.6	29.4	37.2	38.9	47.8	52.9	56.1	68.7	75.0	80.1	83.7	84.7	87.2
GE 900	8.2	17.5	20.2	22.6	29.4	37.2	38.9	47.8	52.9	56.1	68.7	75.0	80.3	83.8	84.9	87.4
GE 800	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.6	84.7	85.9	88.4
GE 700	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.6	84.7	85.9	88.4
GE 600	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	86.4	88.9
GE 500	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	87.4	90.6
GE 400	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	87.9	91.3
GE 300	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	87.9	91.3
GE 200	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	87.9	91.8
GE 100	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	87.9	93.4
GE 000	8.2	17.5	20.2	22.6	29.4	37.4	39.1	48.0	53.1	56.3	68.9	75.2	80.8	85.2	87.9	100.0

TOTAL NUMBER OF OBSERVATIONS 588

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	9.7	20.6	24.4	26.1	32.3	38.9	41.8	48.2	51.8	54.7	63.9	67.0	70.1	72.2	73.1	74.9
GE 4500	9.9	20.8	24.5	26.2	32.4	39.0	42.0	48.3	52.0	54.9	64.1	67.2	70.3	72.4	73.3	75.1
GE 4000	10.0	21.0	24.9	26.6	32.9	39.7	42.7	49.3	53.2	56.1	65.6	68.6	71.7	73.9	74.8	76.6
GE 3500	10.2	21.3	25.2	27.0	33.6	40.6	43.6	50.4	54.3	57.3	66.9	70.0	73.1	75.3	76.1	78.0
GE 3000	10.4	21.4	25.4	27.3	34.2	41.3	44.5	51.4	55.5	58.7	68.6	71.8	75.0	77.2	78.1	79.9
GE 2500	10.4	21.4	25.4	27.3	34.3	41.6	44.8	52.0	56.1	59.5	69.7	73.0	76.4	78.8	79.7	81.6
GE 2000	10.4	21.4	25.5	27.4	34.4	41.7	45.0	52.3	56.5	60.0	70.6	74.0	77.8	80.2	81.1	83.1
GE 1800	10.4	21.4	25.5	27.4	34.4	41.8	45.0	52.4	56.7	60.1	70.8	74.2	78.0	80.4	81.3	83.2
GE 1500	10.5	21.5	25.5	27.4	34.6	42.0	45.2	52.7	57.2	60.7	71.7	75.2	79.1	81.6	82.6	84.7
GE 1200	10.5	21.5	25.5	27.4	34.6	42.0	45.2	52.7	57.3	61.0	72.1	75.7	79.7	82.3	83.4	85.6
GE 1000	10.5	21.5	25.5	27.4	34.6	42.0	45.2	52.8	57.3	61.0	72.4	76.3	81.0	84.2	85.6	88.0
GE 900	10.5	21.5	25.5	27.4	34.6	42.0	45.2	52.8	57.3	61.0	72.5	76.4	81.2	84.5	85.9	88.3
GE 800	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.7	76.8	81.7	85.4	87.2	90.0
GE 700	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.7	76.8	81.7	85.4	87.3	90.1
GE 600	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.7	76.8	81.8	85.7	87.7	90.6
GE 500	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.8	76.8	82.0	86.0	88.6	92.0
GE 400	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.8	76.8	82.0	86.1	89.0	92.9
GE 300	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.8	76.8	82.0	86.1	89.0	93.2
GE 200	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.8	76.8	82.0	86.1	89.0	94.2
GE 100	10.5	21.5	25.5	27.4	34.6	42.0	45.3	52.8	57.4	61.1	72.8	76.8	82.0	86.1	89.0	95.2
GE 000	10.5	21.5	25.5	27.4	34.6	42.1	45.3	52.8	57.4	61.1	72.8	76.9	82.0	86.1	89.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3157

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	9.6	17.6	20.6	21.2	29.6	36.8	40.5	49.3	54.0	55.2	64.2	65.5	66.8	68.1	68.1	70.4
GE 4500	9.6	17.6	20.6	21.2	29.8	37.0	40.7	49.7	54.4	55.7	64.7	66.0	67.2	68.5	68.5	70.9
GE 4000	10.3	18.2	21.4	22.1	31.3	39.8	43.5	52.9	57.8	59.3	68.7	70.0	71.3	72.6	72.6	74.9
GE 3500	10.7	18.6	22.1	22.7	32.1	40.9	44.5	54.6	59.5	61.2	70.7	71.9	73.2	74.5	74.5	76.9
GE 3000	11.1	19.1	22.7	23.6	33.2	42.4	46.5	57.0	62.5	64.2	73.7	75.4	77.3	78.6	78.6	80.9
GE 2500	11.1	19.1	22.7	23.6	33.2	42.6	46.9	57.6	64.0	66.6	76.7	78.4	80.5	82.0	82.0	84.4
GE 2000	11.3	19.3	22.9	23.8	33.4	42.8	47.1	57.8	64.9	67.5	77.7	79.4	82.0	83.5	83.5	85.9
GE 1800	11.3	19.3	22.9	23.8	33.4	42.8	47.1	57.8	64.9	67.5	77.7	79.4	82.0	83.5	83.5	85.9
GE 1500	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.0	65.1	67.9	78.8	80.7	84.2	85.7	85.7	88.0
GE 1200	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.2	65.3	68.1	79.2	81.4	84.8	86.7	86.9	89.3
GE 1000	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.2	65.3	68.1	79.7	82.0	85.4	87.6	88.0	90.4
GE 900	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.2	65.3	68.1	79.7	82.0	85.4	87.6	88.0	90.4
GE 800	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.2	65.5	68.3	80.3	82.7	86.1	88.4	89.5	91.9
GE 700	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.2	65.5	68.3	80.3	82.7	86.1	88.4	89.5	91.9
GE 600	11.3	19.3	22.9	23.8	33.4	42.8	47.1	58.2	65.5	68.3	80.3	82.7	86.1	88.4	89.5	91.9
GE 500	11.6	19.5	23.1	24.0	33.6	43.0	47.3	58.5	65.7	68.5	80.5	82.9	86.3	88.9	89.9	92.5
GE 400	11.6	19.5	23.1	24.0	33.6	43.0	47.3	58.5	65.7	68.5	80.5	82.9	86.3	88.9	89.9	92.5
GE 300	11.6	19.5	23.1	24.0	33.6	43.0	47.3	58.5	65.7	68.5	80.5	82.9	86.3	88.9	89.9	92.5
GE 200	11.6	19.5	23.1	24.0	33.6	43.0	47.3	58.5	65.7	68.5	80.5	82.9	86.3	88.9	89.9	93.1
GE 100	11.6	19.5	23.1	24.0	33.6	43.0	47.3	58.5	65.7	68.5	80.5	82.9	86.3	88.9	89.9	93.8
GE 000	11.6	19.5	23.1	24.0	33.6	43.0	47.3	58.5	65.7	68.5	80.5	82.9	86.3	88.9	89.9	100.0

TOTAL NUMBER OF OBSERVATIONS 467

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	9.0	14.3	16.9	18.1	24.5	31.6	36.0	47.0	49.8	55.3	63.3	64.0	67.0	69.1	69.8	71.8
GE 4500	9.3	14.6	17.4	18.6	25.0	32.1	36.4	47.4	50.2	55.8	63.7	64.5	67.4	69.6	70.2	72.2
GE 4000	9.3	14.7	17.7	18.9	25.4	32.9	37.2	48.7	51.5	57.2	65.3	66.2	69.1	71.3	71.9	74.3
GE 3500	9.9	15.3	18.6	20.2	26.7	34.3	39.4	51.3	54.4	60.2	68.2	69.3	72.6	74.9	75.5	77.8
GE 3000	10.4	16.0	19.2	20.8	27.4	35.3	40.8	53.2	56.4	62.6	71.0	72.6	76.0	78.4	79.1	81.4
GE 2500	10.4	16.0	19.2	20.8	27.4	35.5	41.1	53.8	57.4	63.9	72.9	74.4	78.6	81.1	81.7	84.0
GE 2000	10.4	16.0	19.2	20.8	27.4	35.5	41.1	54.4	58.1	64.7	74.0	76.4	80.9	83.6	84.2	86.5
GE 1800	10.4	16.0	19.2	20.8	27.4	35.5	41.2	54.6	58.3	64.8	74.1	76.6	81.1	83.7	84.3	86.7
GE 1500	10.4	16.0	19.2	20.8	27.4	35.5	41.2	54.6	58.4	65.3	75.2	77.8	82.5	85.3	85.9	88.2
GE 1200	10.4	16.0	19.2	20.8	27.4	35.5	41.2	54.7	58.6	654	75.8	78.8	83.7	86.5	87.4	89.8
GE 1000	10.4	16.0	19.4	20.9	27.6	35.7	41.4	55.2	59.4	66.2	76.7	79.7	84.7	87.8	89.1	91.5
GE 900	10.4	16.0	19.4	20.9	27.6	35.7	41.4	55.2	59.4	66.2	76.7	79.7	84.7	87.8	89.1	91.5
GE 800	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.5	59.7	66.5	77.2	80.5	85.6	88.7	90.1	93.0
GE 700	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.5	59.7	66.5	77.2	80.5	85.7	88.8	90.2	93.2
GE 600	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.5	59.7	66.5	77.2	80.5	85.7	88.8	90.2	93.3
GE 500	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.7	59.8	66.7	77.4	80.6	85.9	89.5	91.2	94.6
GE 400	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.7	59.8	66.7	77.4	80.6	86.0	89.6	91.3	94.9
GE 300	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.7	59.8	66.7	77.4	80.6	86.0	89.6	91.3	94.9
GE 200	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.7	59.8	66.7	77.4	80.6	86.0	89.6	91.3	95.2
GE 100	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.7	59.8	66.7	77.4	80.6	86.0	89.6	91.3	96.3
GE 000	10.4	16.0	19.4	21.1	27.9	36.0	41.7	55.7	59.8	66.7	77.4	80.6	86.0	89.8	91.5	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	8.3	15.1	20.4	22.2	30.4	41.0	47.5	59.0	62.8	67.0	74.7	76.7	78.5	78.9	79.2	79.5
GE 4500	9.0	15.7	21.0	22.8	31.0	41.8	48.3	59.7	63.6	67.7	75.5	77.5	79.3	79.6	79.9	80.2
GE 4000	9.3	16.2	21.5	23.8	31.9	43.4	49.8	61.6	65.6	69.9	77.6	79.8	81.6	81.9	82.3	82.7
GE 3500	9.7	16.7	22.4	25.0	33.5	45.1	51.5	63.9	67.9	72.4	80.2	82.6	84.4	84.7	85.0	85.5
GE 3000	9.9	16.8	22.5	25.3	34.0	45.5	52.0	64.4	68.4	73.0	81.0	83.5	85.3	85.6	86.0	86.4
GE 2500	9.9	16.8	22.7	25.9	34.6	46.5	53.1	66.2	70.8	75.5	83.5	86.3	88.1	88.4	88.7	89.2
GE 2000	9.9	16.8	22.7	25.9	34.6	47.1	53.9	67.1	71.8	76.4	85.2	88.4	90.7	91.0	91.4	91.8
GE 1800	9.9	16.8	22.7	25.9	34.6	47.1	53.9	67.1	71.8	76.4	85.3	88.6	90.9	91.2	91.5	92.0
GE 1500	9.9	16.8	22.7	25.9	34.6	47.1	53.9	67.1	71.8	76.9	86.1	89.5	91.8	92.1	92.4	92.9
GE 1200	9.9	16.8	22.8	26.1	34.7	47.2	54.0	67.3	71.9	77.0	86.3	89.7	92.0	92.3	92.7	93.2
GE 1000	9.9	16.8	22.8	26.1	34.7	47.5	54.3	67.7	72.4	77.5	87.0	91.0	93.4	94.3	94.9	95.4
GE 900	9.9	16.8	22.8	26.1	34.7	47.5	54.3	67.7	72.4	77.5	87.0	91.0	93.4	94.3	94.9	95.4
GE 800	9.9	16.8	22.8	26.1	34.9	47.7	54.5	67.9	72.8	77.9	87.8	92.3	94.8	96.1	97.2	97.7
GE 700	9.9	16.8	22.8	26.1	34.9	47.7	54.5	67.9	72.8	77.9	87.8	92.3	94.8	96.1	97.2	97.7
GE 600	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.6	95.5	97.2	98.5	98.9
GE 500	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.6	95.5	97.2	98.6	99.1
GE 400	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.6	95.5	97.2	98.6	99.1
GE 300	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.6	95.5	97.2	98.6	99.1
GE 200	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.6	95.5	97.2	98.6	99.1
GE 100	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.6	95.5	97.2	98.6	99.1
GE 00	9.9	16.8	22.8	26.1	35.0	47.8	54.8	68.2	73.1	78.2	88.1	92.7	95.7	97.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 15-17

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	8.5	18.8	24.1	27.1	35.8	43.5	50.5	61.7	65.9	71.2	77.2	77.6	79.5	79.5	79.5	79.7
GE 4500	8.9	19.2	24.6	27.5	36.3	44.1	51.2	62.3	66.5	71.8	77.8	78.2	80.1	80.1	80.1	80.3
GE 4000	9.1	19.6	25.0	28.5	37.6	46.0	53.1	64.2	68.5	73.9	79.8	80.4	82.3	82.3	82.3	82.5
GE 3500	9.5	20.0	25.7	29.3	38.8	48.5	55.6	66.8	71.2	76.7	82.6	83.3	85.1	85.1	85.1	85.3
GE 3000	10.2	20.7	26.3	29.9	39.7	49.8	57.3	69.0	73.4	79.2	85.4	86.1	87.9	88.3	88.3	88.4
GE 2500	10.5	21.1	26.8	30.5	40.5	51.0	58.5	70.7	75.4	81.4	87.9	88.9	90.8	91.1	91.1	91.2
GE 2000	10.5	21.1	26.8	30.5	40.5	51.5	59.0	71.2	75.9	82.2	89.2	90.6	92.5	92.8	92.8	93.0
GE 1800	10.5	21.1	26.8	30.5	40.5	51.5	59.0	71.2	75.9	82.2	89.2	90.6	92.5	92.8	92.8	93.0
GE 1500	10.5	21.1	26.8	30.5	40.5	51.5	59.0	71.2	75.9	82.3	90.0	92.0	93.9	94.2	94.2	94.4
GE 1200	10.5	21.1	26.8	30.5	40.5	51.6	59.2	71.4	76.2	82.9	90.6	92.6	94.5	94.8	94.8	95.0
GE 1000	10.5	21.1	26.8	30.5	40.5	51.6	59.2	71.4	76.2	82.9	92.5	94.7	96.6	96.9	96.9	97.0
GE 900	10.5	21.1	26.8	30.5	40.5	51.6	59.2	71.4	76.2	82.9	92.5	94.7	96.6	96.9	96.9	97.0
GE 800	10.5	21.1	26.8	30.5	40.5	51.6	59.2	71.4	76.2	82.9	92.6	95.0	96.9	97.3	97.5	97.7
GE 700	10.6	21.3	26.9	30.7	40.7	51.8	59.3	71.5	76.4	83.1	92.8	95.1	97.0	97.5	97.7	97.8
GE 600	10.6	21.3	26.9	30.7	40.7	51.8	59.3	71.5	76.4	83.1	92.8	95.1	97.0	97.7	97.8	98.1
GE 500	10.6	21.3	26.9	30.7	40.8	52.0	59.5	71.8	76.7	83.4	93.1	95.5	97.3	98.3	98.7	99.1
GE 400	10.6	21.3	26.9	30.7	40.8	52.0	59.5	71.8	76.7	83.4	93.1	95.5	97.3	98.4	98.9	99.2
GE 300	10.6	21.3	26.9	30.7	40.8	52.0	59.5	71.8	76.8	83.6	93.3	95.6	97.5	98.6	99.1	99.4
GE 200	10.6	21.3	26.9	30.7	40.8	52.0	59.5	71.8	76.8	83.6	93.3	95.6	97.5	98.6	99.1	99.4
GE 100	10.6	21.3	26.9	30.7	40.8	52.0	59.5	71.8	76.8	83.6	93.3	95.6	97.5	98.6	99.1	99.8
GE 000	10.6	21.3	26.9	30.7	40.8	52.0	59.5	71.8	76.8	83.6	93.3	95.6	97.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	6.9	14.2	17.2	19.8	26.2	31.7	37.0	49.7	54.5	56.5	69.7	72.6	73.8	74.9	75.8	75.9
GE 4500	6.9	14.2	17.7	20.4	26.7	32.2	37.5	50.6	55.4	57.3	70.6	73.5	74.7	75.8	76.6	76.8
GE 4000	7.3	14.5	18.8	21.4	28.1	34.3	40.2	53.5	58.6	60.5	73.8	77.3	78.6	79.6	80.5	80.7
GE 3500	8.0	15.4	19.6	22.3	29.6	36.8	42.7	56.6	61.8	63.7	77.3	80.9	82.1	83.2	84.1	84.2
GE 3000	8.7	16.1	20.4	23.5	31.0	38.6	44.6	58.8	64.2	66.2	80.5	84.2	85.5	86.5	87.4	87.6
GE 2500	8.8	16.3	20.5	24.1	31.7	39.6	45.7	59.8	65.5	68.1	83.4	87.3	88.5	89.6	90.4	90.6
GE 2000	8.8	16.3	20.5	24.1	31.7	39.6	45.7	60.2	65.8	68.7	83.9	88.3	89.6	90.6	91.5	91.7
GE 1800	8.8	16.3	20.5	24.1	31.7	39.6	45.7	60.2	65.8	68.7	83.9	88.3	89.6	90.6	91.5	91.7
GE 1500	8.8	16.3	20.5	24.1	31.7	39.6	45.7	60.4	66.0	69.0	85.0	89.9	91.2	92.2	93.1	93.3
GE 1200	8.8	16.3	20.5	24.1	31.7	39.6	45.7	60.4	66.0	69.0	85.0	89.9	91.2	92.2	93.1	93.3
GE 1000	8.8	16.3	20.5	24.1	31.7	39.6	45.7	60.4	66.0	69.0	86.0	91.7	93.3	94.3	95.2	95.4
GE 900	8.8	16.3	20.5	24.1	31.7	39.6	45.7	60.4	66.0	69.0	86.0	91.7	93.3	94.3	95.2	95.4
GE 800	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.4	69.4	86.5	92.9	94.5	96.3	97.2	97.3
GE 700	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.5	97.3	97.5
GE 600	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.5	97.3	97.5
GE 500	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.5	97.7	98.4
GE 400	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.6	97.9	98.6
GE 300	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.6	97.9	98.6
GE 200	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.6	97.9	98.6
GE 100	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.6	97.9	99.1
GE 000	8.8	16.3	20.5	24.1	31.7	39.6	45.8	60.7	66.5	69.6	86.7	93.1	94.7	96.6	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 565

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	8.4	15.9	19.8	21.8	29.4	37.1	42.5	53.6	57.7	61.5	70.1	71.6	73.5	74.4	74.8	75.7
GE 4500	8.7	16.2	20.3	22.2	29.8	37.6	43.1	54.3	58.3	62.1	70.8	72.2	74.1	75.1	75.4	76.4
GE 4000	9.0	16.6	20.9	23.0	30.9	39.4	44.9	56.4	60.6	64.5	73.3	75.0	76.9	77.8	78.2	79.2
GE 3500	9.5	17.2	21.	24.0	32.2	41.2	47.0	58.9	63.2	67.2	76.1	77.8	79.8	80.8	81.1	82.2
GE 3000	10.0	17.7	22.2	24.7	33.1	42.4	48.4	60.7	65.1	69.4	78.5	80.5	82.6	83.7	84.1	85.1
GE 2500	10.1	17.8	22.4	25.1	33.5	43.2	49.3	61.9	66.8	71.4	81.0	83.2	85.5	86.6	87.0	88.0
GE 2000	10.2	17.8	22.4	25.1	33.6	43.4	49.6	62.4	67.5	72.2	82.2	84.9	87.4	88.5	88.9	89.9
GE 1800	10.2	17.8	22.4	25.1	33.6	43.4	49.6	62.5	67.5	72.2	82.3	84.9	87.4	88.6	89.0	90.0
GE 1500	10.2	17.8	22.4	25.1	33.6	43.4	49.6	62.6	67.6	72.6	83.2	86.2	88.9	90.1	90.5	91.5
GE 1200	10.2	17.8	22.5	25.1	33.6	43.5	49.7	62.7	67.8	72.8	83.6	86.7	89.4	90.7	91.2	92.2
GE 1000	10.2	17.8	22.5	25.2	33.6	43.6	49.8	62.9	68.0	73.1	84.6	88.1	90.9	92.4	93.0	94.1
GE 900	10.2	17.8	22.5	25.2	33.6	43.6	49.8	62.9	68.0	73.1	84.6	88.1	90.9	92.4	93.0	94.1
GE 800	10.2	17.8	22.5	25.2	33.7	43.7	49.9	63.1	68.3	73.4	85.1	88.9	91.8	93.6	94.5	95.7
GE 700	10.2	17.9	22.5	25.2	33.8	43.7	49.9	63.1	68.4	73.4	85.2	89.0	91.9	93.7	94.6	95.8
GE 600	10.2	17.9	22.5	25.2	33.8	43.8	50.0	63.2	68.5	73.5	85.3	89.0	92.1	94.0	94.9	96.2
GE 500	10.2	17.9	22.6	25.3	33.9	43.8	50.1	63.3	68.6	73.7	85.4	89.2	92.2	94.3	95.5	96.9
GE 400	10.2	17.9	22.6	25.3	33.9	43.8	50.1	63.3	68.6	73.7	85.4	89.2	92.2	94.4	95.6	97.1
GE 300	10.2	17.9	22.6	25.3	33.9	43.8	50.1	63.3	68.6	73.7	85.4	89.2	92.3	94.4	95.6	97.1
GE 200	10.2	17.9	22.6	25.3	33.9	43.8	50.1	63.3	68.6	73.7	85.4	89.2	92.3	94.4	95.6	97.3
GE 100	10.2	17.9	22.6	25.3	33.9	43.8	50.1	63.3	68.6	73.7	85.4	89.2	92.3	94.4	95.6	97.8
GE 000	10.2	17.9	22.6	25.3	33.9	43.8	50.1	63.3	68.6	73.7	85.4	89.2	92.3	94.5	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2964



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	10.5	15.8	17.7	19.5	25.3	29.2	31.4	38.2	42.3	44.4	51.7	54.2	58.1	59.3	60.4	62.0
GE 4500	10.5	15.8	17.7	19.5	25.3	29.6	31.8	38.6	42.7	44.8	52.4	55.0	58.9	60.0	61.2	62.8
GE 4000	11.5	16.8	18.7	20.5	26.3	30.8	33.1	40.7	45.0	47.4	55.4	57.9	61.8	63.2	64.3	65.9
GE 3500	11.9	17.3	19.5	21.2	27.1	32.0	34.7	43.1	48.0	50.7	60.2	63.0	66.9	68.4	70.2	71.7
GE 3000	13.1	18.5	21.2	23.2	29.2	35.1	38.4	48.0	53.4	56.7	68.2	71.0	75.0	76.6	78.6	80.3
GE 2500	13.3	18.7	21.4	23.6	30.4	37.2	40.5	50.7	56.7	60.2	72.3	75.4	79.9	81.7	83.6	85.4
GE 2000	1.3	18.7	21.4	23.6	30.4	37.2	40.5	51.1	57.5	61.2	73.5	77.0	81.7	83.4	85.4	87.1
GE 1800	13.3	18.7	21.4	23.6	30.4	37.2	40.5	51.1	57.5	61.2	73.5	77.0	81.7	83.4	85.4	87.1
GE 1500	13.3	18.7	21.4	23.6	30.4	37.2	40.5	51.3	57.7	61.6	74.1	78.2	83.4	85.2	87.1	88.9
GE 1200	13.3	18.7	21.4	23.6	30.4	37.2	40.5	51.3	57.7	61.6	74.5	78.8	84.2	86.0	87.9	89.7
GE 1000	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.0	75.0	79.7	85.6	88.1	91.0	92.8
GE 900	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.0	75.0	79.7	85.6	88.1	91.0	92.8
GE 800	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.7	89.3	92.2	94.0
GE 700	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.7	89.3	92.2	94.0
GE 600	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.7	89.5	92.4	94.2
GE 500	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.9	90.1	93.4	95.1
GE 400	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.9	90.1	93.4	95.5
GE 300	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.9	90.1	93.4	95.5
GE 200	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.9	90.1	93.4	95.7
GE 100	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.9	90.1	93.4	96.5
GE 000	13.3	18.7	21.4	23.6	30.6	37.4	40.7	51.7	58.1	62.2	75.6	80.3	86.9	90.1	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 513

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	10.8	18.5	21.1	24.6	28.9	35.9	39.2	46.9	51.1	54.8	62.0	63.5	64.7	65.7	66.4	66.7
GE 4500	11.3	18.9	21.7	25.2	29.5	36.5	39.7	47.6	51.9	55.6	62.7	64.2	65.4	66.4	67.1	67.4
GE 4000	11.5	19.2	22.1	25.8	30.3	37.5	41.0	49.0	53.8	57.7	65.0	66.5	67.8	68.8	69.5	69.8
GE 3500	12.3	20.1	22.9	26.6	31.6	39.3	43.2	51.3	56.7	61.3	68.9	70.5	71.8	73.2	73.9	74.2
GE 3000	12.8	20.8	23.9	27.6	33.0	42.2	46.3	55.7	61.8	66.8	75.8	77.4	78.6	80.2	81.1	81.5
GE 2500	13.2	21.4	24.8	28.5	35.0	44.9	49.1	59.4	65.7	71.2	81.1	83.3	84.9	86.8	87.6	88.0
GE 2000	13.2	21.4	24.8	28.5	35.2	45.3	49.6	60.0	66.7	72.6	82.9	85.3	86.9	88.7	89.7	90.2
GE 1800	13.2	21.4	24.8	28.5	35.2	45.3	49.6	60.0	66.8	72.8	83.0	85.5	87.0	88.9	89.9	90.3
GE 1500	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.1	67.0	72.9	83.3	85.8	87.3	89.5	90.5	90.9
GE 1200	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.1	67.0	72.9	83.6	86.0	87.9	90.0	91.3	91.7
GE 1000	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.1	67.0	72.9	83.6	86.0	88.2	91.0	92.9	93.6
GE 900	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.1	67.0	72.9	83.6	86.0	88.2	91.0	92.9	93.6
GE 800	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.4	67.2	73.2	84.0	86.6	89.3	93.0	95.0	95.7
GE 700	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.4	67.2	73.2	84.0	86.6	89.3	93.0	95.0	95.7
GE 600	13.2	21.4	24.8	28.5	35.2	45.3	49.7	60.4	67.2	73.2	84.0	86.6	89.6	93.4	95.4	96.2
GE 500	13.4	21.5	24.9	28.6	35.3	45.4	49.9	60.5	67.4	73.4	84.3	86.9	89.9	93.9	96.3	97.3
GE 400	13.4	21.5	24.9	28.6	35.3	45.4	49.9	60.5	67.4	73.4	84.3	86.9	89.9	93.9	96.3	97.4
GE 300	13.4	21.5	24.9	28.6	35.3	45.4	49.9	60.5	67.4	73.4	84.3	86.9	89.9	93.9	96.3	97.4
GE 200	13.4	21.5	24.9	28.6	35.3	45.4	49.9	60.5	67.4	73.4	84.3	86.9	89.9	93.9	96.3	97.9
GE 100	13.4	21.5	24.9	28.6	35.3	45.4	49.9	60.5	67.4	73.4	84.3	86.9	89.9	93.9	96.3	98.4
GE 000	13.4	21.5	24.9	28.6	35.3	45.4	49.9	60.5	67.4	73.4	84.3	86.9	89.9	93.9	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 12-14

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	14.2	21.4	28.0	29.9	39.9	47.6	51.7	58.6	60.3	64.2	67.3	68.1	69.3	69.7	69.7	69.7	69.7
GE 4500	14.4	21.7	28.3	30.2	40.2	47.9	52.0	58.9	60.6	64.4	67.6	68.4	69.5	70.0	70.0	70.0	70.0
GE 4000	14.7	22.0	28.8	30.7	41.4	49.3	53.4	60.5	62.2	66.0	69.1	70.0	71.1	71.5	71.5	71.5	71.5
GE 3500	15.4	22.8	29.6	32.0	42.9	51.7	55.9	63.0	64.7	69.0	72.2	73.1	74.4	75.2	75.2	75.2	75.2
GE 3000	17.0	24.4	32.0	34.6	46.5	55.8	60.3	68.0	70.0	74.6	79.0	79.9	81.2	82.0	82.0	82.0	82.0
GE 2500																	
GE 2000	18.4	26.1	34.3	37.0	50.1	60.5	65.6	74.5	76.9	81.9	87.3	88.4	90.1	91.4	91.4	91.4	91.4
GE 1800	18.4	26.2	34.4	37.1	50.3	60.9	66.0	74.9	77.3	82.3	87.7	88.8	90.5	91.8	91.8	91.8	91.8
GE 1500	18.4	26.2	34.4	37.1	50.3	61.0	66.1	75.1	77.6	82.6	88.4	89.7	91.4	92.6	92.6	92.6	92.6
GE 1200	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.2	77.8	83.0	89.2	90.7	92.6	94.3	94.3	94.3	94.3
GE 1000																	
GE 900	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.2	77.9	83.1	89.9	91.5	93.8	95.8	95.8	95.8	95.8
GE 800	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.2	77.9	83.1	89.9	91.5	94.2	96.2	96.2	96.2	96.2
GE 700	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.3	98.3	98.3	98.3
GE 600	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.6	98.6	98.6	98.6
GE 500																	
GE 400	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.7	99.0	99.0	99.0
GE 300	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.7	99.6	99.7	99.7
GE 200	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.7	99.7	99.9	99.9
GE 100	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.7	99.7	100.0	100.0
GE 000	18.4	26.2	34.4	37.1	50.3	61.2	66.3	75.5	78.6	83.9	90.7	92.4	95.8	98.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	19.1	25.8	30.6	33.7	42.7	50.7	54.6	59.6	61.4	65.1	69.4	70.2	70.5	70.6	70.6	70.6
GE 4500	19.3	25.9	30.9	33.9	42.9	51.0	54.8	59.8	61.6	65.4	69.7	70.5	70.8	70.9	70.9	70.9
GE 4000	20.9	27.6	33.0	36.1	45.7	54.0	57.9	63.0	64.8	68.7	73.1	74.0	74.2	74.4	74.4	74.4
GE 3500	22.7	29.5	35.0	38.2	48.6	57.2	61.2	66.9	68.8	73.0	77.4	78.3	78.7	79.1	79.1	79.1
GE 3000	24.1	31.2	37.0	40.4	51.7	60.4	64.4	71.1	73.0	77.6	82.5	83.5	83.9	84.3	84.3	84.3
GE 2500	25.2	32.4	38.9	42.9	55.1	64.0	68.3	75.3	77.4	82.3	87.5	88.8	89.2	89.9	89.9	89.9
GE 2000	25.6	32.8	39.5	44.0	56.8	65.7	70.1	78.0	80.2	85.0	90.4	91.8	92.4	93.1	93.1	93.1
GE 1800	25.6	32.8	39.5	44.0	56.8	65.7	70.1	78.0	80.2	85.0	90.7	92.1	92.7	93.4	93.4	93.4
GE 1500	25.8	33.0	39.6	44.2	56.9	65.8	70.2	78.1	80.3	85.2	91.4	92.9	93.5	94.5	94.5	94.5
GE 1200	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.4	80.7	85.6	92.4	93.9	94.6	95.8	95.8	95.8
GE 1000	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	80.9	85.7	92.8	94.9	95.8	97.2	97.2	97.2
GE 900	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	80.9	85.7	92.8	94.9	96.1	97.5	97.5	97.5
GE 800	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	98.2	98.2	98.2
GE 700	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	98.2	98.2	98.2
GE 600	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	98.9	98.9	98.9
GE 500	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	98.9	98.9	98.9
GE 400	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	99.3	99.7	99.9
GE 300	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	99.3	99.9	100.0
GE 200	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	99.3	99.9	100.0
GE 100	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	99.3	99.9	100.0
GE 000	25.8	33.0	39.6	44.3	57.2	66.1	70.5	78.5	81.0	85.9	92.9	95.0	96.7	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 722

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	15.5	24.9	27.0	28.3	38.0	45.8	48.4	55.3	58.9	61.5	67.4	68.5	69.3	70.0	70.1	70.1
GE 4500	15.5	24.9	27.0	28.3	38.0	45.8	48.4	55.3	58.9	61.5	67.4	68.5	69.3	70.0	70.1	70.1
GE 4000	16.8	26.4	28.9	30.4	40.3	48.2	50.8	58.1	61.8	64.4	70.3	71.4	72.2	72.8	73.0	73.0
GE 3500	18.2	28.0	30.8	32.3	42.8	51.4	54.3	61.8	65.7	68.2	74.8	76.0	77.0	77.8	78.0	78.0
GE 3000	19.5	29.6	32.7	34.5	45.8	54.6	57.7	66.1	70.3	73.6	81.0	82.3	83.4	84.2	84.3	84.3
GE 2500	20.3	30.8	34.3	36.4	49.0	58.5	61.5	71.1	75.6	79.1	87.1	88.3	89.5	90.3	90.4	90.4
GE 2000	20.9	31.5	35.0	37.1	49.7	59.3	62.6	72.8	77.6	81.2	89.1	90.6	92.0	92.8	93.0	93.0
GE 1800	20.9	31.5	35.0	37.1	49.7	59.3	62.8	73.0	77.8	81.3	89.3	90.7	92.2	93.0	93.1	93.1
GE 1500	20.9	31.5	35.0	37.1	49.7	59.4	62.9	73.2	78.0	81.5	90.4	91.9	93.5	95.0	95.2	95.2
GE 1200	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.1	81.6	90.6	92.0	93.6	95.2	95.4	95.4
GE 1000	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	90.7	92.2	93.9	95.7	96.0	96.0
GE 900	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	90.7	92.2	93.9	95.7	96.0	96.0
GE 800	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	97.4	97.8	97.8
GE 700	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	97.4	97.8	97.8
GE 600	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.1	98.4	98.4
GE 500	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.2	98.9	98.9
GE 400	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.2	99.2	99.8
GE 300	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.2	99.2	100.0
GE 200	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.2	99.2	100.0
GE 100	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.2	99.2	100.0
GE 000	20.9	31.6	35.1	37.2	49.8	59.6	63.1	73.3	78.3	81.8	91.1	92.5	95.4	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	14.2	21.5	25.3	27.7	35.5	42.6	45.8	52.5	55.5	58.8	64.2	65.5	66.8	67.5	67.8	68.1
GE 4500	14.4	21.7	25.5	27.9	35.8	42.9	46.1	52.8	55.8	59.1	64.6	65.9	67.2	67.8	68.2	68.5
GE 4000	15.3	22.6	26.7	29.2	37.4	44.7	48.1	55.0	58.2	61.6	67.2	68.	69.8	70.5	70.9	71.2
GE 3500	16.3	23.8	28.0	30.6	39.2	47.1	50.7	58.0	61.5	65.2	71.3	72.7	74.1	75.1	75.5	75.8
GE 3000	17.5	25.2	29.8	32.6	41.3	50.4	54.3	62.5	66.4	70.6	77.8	79.2	80.7	81.7	82.2	82.6
GE 2500	18.3	26.1	31.1	34.1	44.5	53.7	57.7	66.7	70.8	75.4	83.2	84.9	86.6	87.9	88.4	88.7
GE 2000	18.6	26.4	31.5	34.6	45.2	54.5	58.6	68.2	72.5	77.2	85.2	87.1	89.0	90.2	90.8	91.1
GE 1800	18.6	26.5	31.5	34.7	45.2	54.6	58.8	68.3	72.7	77.4	85.4	87.3	89.2	90.4	91.0	91.3
GE 1500	18.6	26.5	31.6	34.7	45.3	54.7	58.9	68.4	72.9	77.6	86.1	88.2	90.1	91.6	92.2	92.6
GE 1200	18.6	26.5	31.6	34.8	45.4	54.8	59.0	68.6	73.0	77.8	86.7	88.8	90.9	92.6	93.2	93.6
GE 1000	18.6	26.5	31.6	34.8	45.4	54.8	59.0	68.6	73.2	77.9	87.0	89.4	91.8	93.9	94.8	95.2
GE 900	18.6	26.5	31.6	34.8	45.4	54.8	59.0	68.6	73.2	77.9	87.0	89.4	91.9	94.0	94.9	95.4
GE 800	18.6	26.5	31.6	34.8	45.4	54.8	59.0	68.8	73.4	78.2	87.5	89.8	93.1	95.6	96.5	96.9
GE 700	18.6	26.5	31.6	34.8	45.4	54.8	59.0	68.8	73.4	78.2	87.5	89.8	93.1	95.6	96.6	97.0
GE 600	18.6	26.5	31.6	34.8	45.4	54.8	59.0	68.8	73.4	78.2	87.5	89.8	93.1	96.1	97.0	97.4
GE 500	18.6	26.6	31.6	34.8	45.4	54.8	59.1	68.8	73.4	78.3	87.5	89.9	93.2	96.3	97.5	98.0
GE 400	18.6	26.6	31.6	34.8	45.4	54.8	59.1	68.8	73.4	78.3	87.5	89.9	93.2	96.4	97.9	98.6
GE 300	18.6	26.6	31.6	34.8	45.4	54.8	59.1	68.8	73.4	78.3	87.5	89.9	93.2	96.4	97.9	98.7
GE 200	18.6	26.6	31.6	34.8	45.4	54.8	59.1	68.8	73.4	78.3	87.5	89.9	93.2	96.4	97.9	98.8
GE 100	18.6	26.6	31.6	34.8	45.4	54.8	59.1	68.8	73.4	78.3	87.5	89.9	93.2	96.4	97.9	99.1
GE 000	18.6	26.6	31.6	34.8	45.4	54.8	59.1	68.8	73.4	78.3	87.5	89.9	93.2	96.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3269

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 06-08

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		14.2	21.2	25.5	27.2	34.4	41.1	41.8	51.4	55.8	58.6	68.5	69.8	71.8	72.4	72.8	73.3
GE 4500		14.8	21.8	26.1	27.8	35.2	38.9	42.6	52.3	56.6	59.5	69.8	71.0	73.0	73.7	74.1	74.5
GE 4000		16.3	23.7	28.6	30.2	37.7	42.0	45.9	56.2	60.7	63.8	74.3	75.5	77.6	78.2	78.6	79.0
GE 3500		17.5	25.5	31.1	32.9	40.9	46.1	50.0	61.5	66.5	69.5	80.9	82.1	84.2	84.8	85.2	85.6
GE 3000		18.1	26.1	31.7	33.5	42.2	47.7	52.1	64.2	69.5	72.8	86.4	87.9	89.9	90.5	90.9	91.4
GE 2500		18.1	26.1	31.9	33.7	43.0	48.8	53.3	65.6	71.4	74.9	89.1	90.5	92.6	93.4	94.0	94.4
GE 2000		18.1	26.1	31.9	33.7	43.2	49.0	53.5	66.0	72.0	75.5	89.7	91.4	93.4	94.4	95.3	95.7
GE 1800		18.1	26.1	31.9	33.7	43.2	49.0	53.5	66.0	72.0	75.5	89.7	91.4	93.4	94.4	95.3	95.7
GE 1500		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	89.9	92.2	94.2	95.3	96.1	96.5
GE 1200		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.3	92.6	94.7	95.7	96.5	96.9
GE 1000		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.5	92.8	95.3	96.3	97.1	97.5
GE 900		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.5	93.0	95.7	96.7	97.5	97.9
GE 800		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.1	97.1	97.9	98.4
GE 700		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.1	97.1	97.9	98.4
GE 600		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.3	98.1	98.6
GE 500		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.5	98.4	98.8
GE 400		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.5	98.4	98.8
GE 300		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.5	98.4	98.8
GE 200		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.5	98.4	99.0
GE 100		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.5	98.4	99.4
GE 000		18.1	26.1	31.9	33.7	43.4	49.2	53.7	66.3	72.2	75.7	90.7	93.2	96.3	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 486

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	19.6	27.7	31.5	34.2	43.8	51.3	56.7	63.1	67.1	70.8	75.0	75.4	75.9	76.0	76.2	76.2
GE 4500	19.6	27.8	31.7	34.4	43.9	51.5	56.8	63.2	67.3	71.0	75.1	75.6	76.0	76.2	76.3	76.3
GE 4000	21.0	29.2	34.1	36.8	46.6	54.2	59.5	66.5	71.3	75.1	79.3	79.8	80.2	80.4	80.5	80.5
GE 3500	21.7	30.2	35.7	38.8	49.4	57.4	63.2	71.4	76.8	80.8	85.3	85.7	86.2	86.3	86.5	86.5
GE 3000	22.3	31.0	36.8	39.9	51.0	59.4	65.5	75.1	80.7	85.1	90.6	91.1	91.5	91.7	92.0	92.0
GE 2500	22.5	31.3	37.1	40.5	52.1	60.7	67.1	77.4	83.0	87.6	93.9	94.3	94.8	94.9	95.2	95.2
GE 2000	22.8	31.5	37.4	41.1	53.0	61.8	68.2	78.4	84.1	88.7	95.4	95.8	96.3	96.4	96.7	96.7
GE 1800	22.8	31.5	37.4	41.1	53.0	61.8	68.2	78.4	84.1	88.7	95.4	95.8	96.3	96.4	96.7	96.7
GE 1500	22.8	31.5	37.4	41.2	53.1	62.1	68.5	79.2	84.8	89.7	96.9	97.5	97.9	98.1	98.4	98.4
GE 1200	22.8	31.5	37.4	41.2	53.1	62.1	68.5	79.2	84.8	89.7	97.5	98.1	98.5	98.8	99.3	99.3
GE 1000	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 900	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 800	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 700	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 600	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 500	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 400	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 300	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 200	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 100	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	99.9
GE 000	22.9	31.7	37.5	41.4	53.3	62.2	68.6	79.3	85.0	89.9	97.8	98.5	99.1	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 672



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 12-14

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		27.4	34.8	39.3	42.8	53.9	61.4	64.8	68.7	71.1	72.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500		27.8	35.2	39.8	43.3	54.3	61.9	65.2	69.1	71.6	73.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000		29.8	37.2	42.4	45.8	57.5	65.5	69.1	73.8	76.2	78.1	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500		31.0	38.6	44.2	47.7	59.9	68.2	71.9	77.8	80.2	82.0	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000		32.5	40.4	46.9	50.5	63.2	72.0	75.8	82.6	85.2	87.6	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500		33.4	41.5	48.0	51.7	64.8	73.7	77.9	85.5	88.0	91.1	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000		34.3	42.4	49.0	52.8	65.8	75.2	79.7	87.3	89.9	93.2	96.4	96.7	96.7	96.7	96.7	96.7
GE 1800		34.3	42.4	49.0	52.8	65.8	75.3	79.9	87.4	90.2	93.5	96.7	97.0	97.0	97.0	97.0	97.0
GE 1500		34.3	42.4	49.2	53.0	66.3	75.9	80.5	88.2	90.9	94.4	98.2	98.5	98.6	98.6	98.6	98.6
GE 1200		34.3	42.4	49.2	53.0	66.3	75.9	80.5	88.2	90.9	94.4	98.2	98.5	98.6	98.6	98.8	98.8
GE 1000		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.3	98.9	99.1	99.1	99.2	99.2
GE 900		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.3	98.9	99.1	99.1	99.2	99.2
GE 800		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 700		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 600		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 500		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 400		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 300		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 200		34.5	42.5	49.3	53.1	66.4	76.1	80.6	88.4	91.1	94.6	98.5	99.4	99.5	99.5	99.7	99.7
GE 100		34.6	42.7	49.5	53.3	66.6	76.2	80.8	88.5	91.2	94.7	98.6	99.5	99.7	99.7	99.8	99.8
GE 000		34.6	42.7	49.5	53.3	66.6	76.2	80.8	88.5	91.2	94.9	98.8	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 661

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 000	29.5	36.7	44.0	48.4	56.6	63.0	65.0	69.0	70.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5
GE 4500	29.9	37.1	44.8	49.3	57.8	64.2	66.2	70.4	71.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	31.4	38.8	47.3	51.9	60.9	67.4	69.6	74.1	75.3	77.4	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	33.5	41.5	50.4	55.5	65.4	72.6	75.1	79.9	81.1	83.2	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	34.9	43.3	52.5	57.9	68.1	75.6	78.1	83.5	84.9	87.1	87.9	87.9	87.9	87.9	87.9	87.9
GE 2500	36.7	45.4	54.9	60.6	71.9	79.6	82.2	88.8	90.4	93.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	38.0	46.7	56.3	62.0	73.2	81.1	83.8	90.9	92.7	95.5	97.2	97.3	97.3	97.3	97.3	97.3
GE 1800	38.0	46.7	56.3	62.0	73.2	81.1	83.8	90.9	92.8	95.7	97.3	97.5	97.5	97.5	97.5	97.5
GE 1500	38.3	47.2	56.7	62.4	73.7	81.6	84.3	91.3	93.3	96.4	98.1	98.2	98.2	98.2	98.2	98.2
GE 1200	38.3	47.2	56.9	62.6	73.8	81.7	84.4	91.5	93.4	97.2	98.8	99.0	99.0	99.0	99.0	99.0
GE 1000	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.4	99.9	99.9	99.9	99.9	99.9
GE 900	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.4	99.9	99.9	99.9	99.9	99.9
GE 800	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 700	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 600	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 500	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 400	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 300	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 200	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	38.3	47.2	56.9	62.6	73.8	81.7	84.7	91.8	93.7	97.5	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.5	36.9	41.4	45.7	57.4	62.1	64.1	68.3	69.3	69.7	70.7	70.9	70.9	70.9	70.9	70.9
GE 4500	26.4	37.8	42.4	46.7	58.4	63.1	65.2	69.3	70.3	70.7	71.9	72.1	72.1	72.1	72.1	72.1
GE 4000	27.8	39.5	44.5	49.0	61.0	66.2	68.6	73.1	74.1	74.5	75.7	75.9	75.9	75.9	75.9	75.9
GE 3500	31.2	43.6	48.6	53.4	65.9	71.4	73.8	79.0	80.3	80.7	81.9	82.1	82.1	82.1	82.1	82.1
GE 3000	33.3	45.9	52.4	57.6	71.0	77.1	79.7	85.3	86.9	87.2	89.1	89.3	89.3	89.3	89.3	89.3
GE 2500	33.4	46.2	53.3	59.1	73.1	80.0	82.9	89.3	91.2	91.6	93.8	94.0	94.0	94.0	94.0	94.0
GE 2000	33.6	46.4	53.6	59.5	74.0	80.9	83.8	90.9	92.8	93.4	96.2	96.7	96.7	96.7	96.7	96.7
GE 1800	33.6	46.4	53.6	59.5	74.0	80.9	83.8	90.9	92.8	93.4	96.2	96.7	96.7	96.7	96.7	96.7
GE 1500	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	94.7	97.4	97.9	97.9	97.9	97.9	97.9
GE 1200	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.1	98.6	98.6	98.6	98.6	98.6
GE 1000	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.1	99.3	99.3	99.3	99.3	99.3
GE 900	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.1	99.3	99.3	99.3	99.3	99.3
GE 800	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	99.7	99.7	99.7
GE 700	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	99.7	99.7	99.7
GE 600	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0
GE 500	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0
GE 400	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0
GE 300	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0
GE 200	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0
GE 100	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0
GE 000	33.8	46.6	53.8	59.8	74.3	81.2	84.5	91.6	94.0	95.0	98.3	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 580

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	23.7	31.9	36.8	40.2	49.8	56.0	59.3	64.7	67.3	69.4	72.6	72.9	73.3	73.5	73.6	73.6
GE 4500	24.2	32.4	37.4	40.8	50.5	56.7	60.0	65.5	68.0	70.2	73.4	73.8	74.2	74.3	74.4	74.5
GE 4000	25.7	34.1	39.8	43.3	53.4	59.8	63.4	69.4	72.1	74.3	77.7	78.1	78.5	78.6	78.7	78.8
GE 3500	27.4	36.3	42.5	46.2	56.9	63.9	67.6	74.5	77.5	79.8	83.4	83.7	84.1	84.3	84.3	84.4
GE 3000	28.7	37.7	44.5	48.5	59.8	67.1	71.0	78.8	82.0	84.5	88.9	89.3	89.7	89.9	90.0	90.1
GE 2500	29.3	38.5	45.5	49.8	61.7	69.4	73.5	82.0	85.4	88.3	93.2	93.6	94.0	94.2	94.3	94.4
GE 2000	29.9	39.1	46.2	50.5	62.6	70.5	74.7	83.4	86.9	90.0	95.2	95.8	96.2	96.4	96.6	96.7
GE 1800	29.9	39.1	46.2	50.5	62.6	70.5	74.7	83.5	87.0	90.1	95.3	95.9	96.3	96.5	96.7	96.8
GE 1500	30.0	39.3	46.4	50.7	62.9	70.9	75.2	84.1	87.7	90.9	96.4	97.1	97.6	97.8	97.9	98.0
GE 1200	30.0	39.3	46.4	50.7	62.9	70.9	75.2	84.1	87.7	91.1	96.9	97.6	98.0	98.3	98.5	98.6
GE 1000	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.2	98.1	98.7	98.9	99.2	99.3
GE 900	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.2	98.2	98.8	99.0	99.3	99.3
GE 800	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.0	99.3	99.5	99.6
GE 700	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.0	99.3	99.5	99.6
GE 600	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.1	99.3	99.6	99.7
GE 500	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.1	99.4	99.6	99.7
GE 400	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.1	99.4	99.6	99.7
GE 300	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.1	99.4	99.6	99.7
GE 200	30.1	39.3	46.5	50.8	63.0	71.0	75.4	84.2	87.9	91.3	97.3	98.4	99.1	99.4	99.6	99.7
GE 100	30.1	39.4	46.5	50.8	63.0	71.0	75.4	84.3	87.9	91.3	97.3	98.4	99.1	99.4	99.7	99.8
GE 000	30.1	39.4	46.5	50.8	63.0	71.0	75.4	84.3	87.9	91.3	97.4	98.5	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3067

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	13.9	25.5	32.7	34.7	43.3	49.8	53.7	61.4	63.7	66.3	72.7	73.5	74.1	74.1	74.1	74.7
GE 4500	14.1	25.7	32.9	34.9	43.5	50.0	53.9	61.6	63.9	66.5	72.9	73.7	74.3	74.3	74.3	74.9
GE 4000	14.7	26.9	35.1	37.1	46.3	53.3	57.1	65.5	68.4	71.6	78.4	79.2	79.8	79.8	79.8	80.4
GE 3500	15.7	28.0	36.3	38.6	48.2	55.3	59.4	68.4	71.4	75.3	82.7	83.5	84.1	84.1	84.1	84.7
GE 3000	15.9	28.6	36.9	39.6	50.2	58.0	62.4	72.0	75.9	80.4	88.8	89.6	90.2	90.2	90.2	90.8
GE 2500	16.1	29.0	37.3	40.4	51.2	59.4	64.1	74.3	78.2	83.3	92.7	93.7	94.3	94.3	94.3	94.9
GE 2000	16.1	29.0	37.3	40.4	51.2	59.6	64.3	74.9	79.0	84.3	93.9	95.1	95.7	95.9	95.9	96.5
GE 1800	16.1	29.0	37.3	40.4	51.2	59.6	64.3	74.9	79.0	84.3	93.9	95.3	95.9	96.1	96.1	96.7
GE 1500	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	96.7	97.3	97.6	97.6	98.4
GE 1200	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	96.7	97.3	97.6	97.6	98.4
GE 1000	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	97.1	97.8	98.0	98.0	98.8
GE 900	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	97.1	97.8	98.0	98.0	98.8
GE 800	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	97.1	98.0	98.2	98.2	99.0
GE 700	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	97.1	98.0	98.2	98.2	99.0
GE 600	16.1	29.0	37.3	40.4	51.2	59.6	64.5	75.3	79.8	85.1	94.7	97.1	98.0	98.2	98.2	99.0
GE 500	16.1	29.0	37.3	40.4	51.2	59.8	64.7	75.5	80.0	85.3	94.9	97.6	98.4	98.6	98.6	99.4
GE 400	16.1	29.0	37.3	40.4	51.2	59.8	64.7	75.5	80.0	85.3	94.9	97.6	98.4	98.6	98.6	99.4
GE 300	16.1	29.0	37.3	40.4	51.2	59.8	64.7	75.5	80.0	85.3	94.9	97.6	98.4	98.6	98.6	99.4
GE 200	16.1	29.0	37.3	40.4	51.2	59.8	64.7	75.5	80.0	85.3	94.9	97.6	98.4	98.6	98.6	99.4
GE 100	16.1	29.0	37.3	40.4	51.2	59.8	64.7	75.5	80.0	85.3	94.9	97.6	98.4	98.6	98.6	99.4
GE 000	16.1	29.0	37.3	40.4	51.2	59.8	64.7	75.5	80.0	85.3	94.9	97.6	98.4	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 490

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	20.1	34.8	43.6	46.7	58.2	65.3	68.8	72.6	74.8	76.4	77.4	77.5	77.5	77.5	77.5	77.5
GE 4500	20.7	35.4	44.2	47.3	58.8	66.0	69.5	73.3	75.4	77.1	78.0	78.1	78.1	78.1	78.1	78.1
GE 4000	21.6	36.3	45.6	48.8	61.2	68.4	72.2	76.6	78.7	80.5	81.5	81.6	81.6	81.6	81.6	81.6
GE 3500	21.9	36.6	46.5	49.8	63.4	72.2	76.0	80.7	83.0	85.0	85.9	86.0	86.0	86.0	86.0	86.0
GE 3000	22.0	36.8	46.7	50.3	65.0	74.2	78.1	83.3	85.7	87.8	89.1	89.2	89.2	89.2	89.2	89.2
GE 2500	22.5	37.4	47.3	50.9	66.1	75.5	80.2	85.7	88.8	91.3	94.4	94.7	94.7	94.8	94.8	94.8
GE 2000	22.6	37.5	47.6	51.2	66.6	76.3	81.3	86.8	90.3	93.2	96.2	96.7	96.8	97.1	97.1	97.1
GE 1800	22.6	37.5	47.6	51.2	66.6	76.3	81.5	86.9	90.4	93.3	96.4	96.8	97.0	97.3	97.3	97.3
GE 1500	22.8	37.7	47.7	51.4	66.7	76.4	81.6	87.1	90.7	93.8	97.3	97.7	97.9	98.2	98.2	98.2
GE 1200	22.8	37.7	47.7	51.4	66.7	76.4	81.6	87.2	90.9	94.2	97.7	98.2	98.3	98.6	98.6	98.6
GE 1000	22.8	37.7	47.7	51.4	66.7	76.4	81.6	87.5	91.2	94.7	98.5	99.1	99.2	99.5	99.5	99.5
GE 900	22.8	37.7	47.7	51.4	66.7	76.4	81.6	87.5	91.2	94.7	98.5	99.1	99.2	99.5	99.5	99.5
GE 800	22.8	37.7	47.7	51.4	66.7	76.4	81.6	87.5	91.2	94.8	98.6	99.2	99.4	99.7	99.7	99.7
GE 700	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	99.8	99.8
GE 600	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	99.8	99.8
GE 500	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	99.8	99.8
GE 400	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	99.8	99.8
GE 300	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	99.8	99.8
GE 200	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	100.0	100.0
GE 100	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	100.0	100.0
GE 000	22.8	37.7	47.7	51.4	66.9	76.6	81.8	87.7	91.3	95.0	98.8	99.4	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 658

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	28.1	40.6	47.8	51.9	60.5	64.8	67.2	68.9	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	28.2	40.7	48.0	52.0	60.6	64.9	67.3	69.1	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	30.3	42.8	50.4	54.4	63.6	68.1	70.7	73.6	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3500	32.7	45.6	54.1	58.1	67.9	72.8	75.8	79.0	79.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	34.5	48.0	56.5	61.4	71.6	77.4	80.7	84.1	85.0	86.6	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	36.3	49.9	59.1	64.5	75.2	81.9	85.9	89.7	90.8	93.2	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	36.4	50.1	59.7	65.5	76.7	83.5	87.7	92.0	93.2	95.8	97.6	97.6	97.8	97.8	97.8	97.8
GE 1800	36.7	50.4	60.0	65.8	77.0	83.8	88.1	92.4	93.6	96.3	98.1	98.1	98.2	98.2	98.2	98.2
GE 1500	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.2	94.4	97.0	99.3	99.3	99.4	99.4	99.4	99.4
GE 1200	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.2	94.4	97.0	99.4	99.4	99.6	99.6	99.6	99.6
GE 1000	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	36.8	50.5	60.5	66.3	77.4	84.2	88.6	93.3	94.5	97.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	37.0	50.7	60.6	66.4	77.6	84.4	88.7	93.5	94.7	97.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	37.0	50.7	60.6	66.4	77.6	84.4	88.7	93.5	94.7	97.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	37.0	50.7	60.6	66.4	77.6	84.4	88.7	93.5	94.7	97.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	37.0	50.7	60.6	66.4	77.6	84.4	88.7	93.5	94.7	97.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 673

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.9	45.3	52.9	56.8	61.7	65.4	65.7	67.0	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	32.2	45.6	53.3	57.2	62.2	65.8	66.1	67.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	34.6	48.0	55.7	59.8	65.7	69.4	69.9	71.5	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	36.9	51.1	59.2	63.6	70.0	74.4	74.8	76.8	77.1	78.0	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000	39.5	53.9	62.3	67.5	75.3	80.6	81.2	83.6	84.6	85.5	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	41.6	56.0	65.1	70.3	79.2	84.9	86.1	89.2	90.8	91.9	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	43.1	57.5	66.6	72.1	81.9	88.0	89.2	92.8	94.4	96.1	97.4	97.6	97.6	97.6	97.6	97.6
GE 1800	43.1	57.5	66.6	72.3	82.2	88.3	89.6	93.2	94.9	96.5	97.9	98.0	98.0	98.0	98.0	98.0
GE 1500	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.5	95.2	96.8	98.9	99.1	99.1	99.2	99.2	99.2
GE 1200	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.7	99.7
GE 1000	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.7	99.7
GE 900	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.7	99.7
GE 800	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.7	99.7
GE 700	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.7	99.7
GE 600	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.8	99.8
GE 500	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.8	99.8
GE 400	43.1	57.5	66.7	72.4	82.4	88.6	89.9	93.7	95.5	97.1	99.4	99.5	99.5	99.7	99.8	99.8
GE 300	43.2	57.7	66.9	72.6	82.5	88.7	90.1	93.8	95.6	97.3	99.5	99.7	99.7	99.8	100.0	100.0
GE 200	43.2	57.7	66.9	72.6	82.5	88.7	90.1	93.8	95.6	97.3	99.5	99.7	99.7	99.8	100.0	100.0
GE 100	43.2	57.7	66.9	72.6	82.5	88.7	90.1	93.8	95.6	97.3	99.5	99.7	99.7	99.8	100.0	100.0
GE 000	43.2	57.7	66.9	72.6	82.5	88.7	90.1	93.8	95.6	97.3	99.5	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 664



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.2	45.1	52.2	57.0	63.3	66.0	67.4	68.1	68.9	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	31.4	45.2	52.4	57.2	63.5	66.2	67.6	68.3	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	35.2	50.0	57.5	62.5	69.5	72.7	74.1	75.6	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	37.4	52.6	60.6	65.7	73.0	76.5	77.8	79.4	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	38.9	54.6	63.3	69.3	77.8	82.1	83.4	86.0	87.0	87.9	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	40.4	56.1	65.9	71.8	80.9	85.5	87.4	90.6	91.6	92.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	41.3	57.2	67.2	73.2	82.4	87.0	88.9	92.5	93.9	95.1	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	41.3	57.2	67.2	73.2	82.4	87.0	88.9	92.5	93.9	95.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	41.6	57.5	67.6	73.5	82.8	87.7	89.6	93.3	94.7	95.9	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	41.6	57.5	67.6	73.5	82.8	87.7	89.6	93.5	94.9	96.1	99.0	99.1	99.1	99.1	99.1	99.1
GE 1000	41.6	57.5	67.6	73.5	82.8	87.7	89.6	93.7	95.2	96.8	99.7	99.8	99.8	99.8	99.8	99.8
GE 900	41.6	57.5	67.6	73.5	82.8	87.7	89.6	93.7	95.2	96.8	99.7	99.8	99.8	99.8	99.8	99.8
GE 800	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 700	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 600	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 500	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 400	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	41.6	57.5	67.6	73.5	82.9	87.9	89.8	93.9	95.4	96.9	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 586

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.5	38.8	46.4	50.0	58.1	62.9	65.1	68.0	69.1	70.3	71.5	71.7	71.8	71.8	71.8	71.9
GE 4500	25.8	39.1	46.8	50.4	58.4	63.2	65.4	68.3	69.4	70.6	71.8	72.0	72.1	72.1	72.1	72.2
GE 4000	27.8	41.4	49.4	53.1	61.9	66.9	69.3	72.9	74.1	75.5	76.8	76.9	77.0	77.0	77.0	77.1
GE 3500	29.5	43.4	52.0	55.8	65.2	70.9	73.4	77.3	78.6	80.3	81.7	81.7	82.0	82.0	82.0	82.1
GE 3000	30.8	45.0	53.8	58.4	68.8	75.2	77.9	82.3	84.0	85.9	87.8	87.9	88.0	88.0	88.0	88.1
GE 2500	32.0	46.4	55.7	60.4	71.4	78.3	81.5	86.5	88.5	90.8	93.6	93.8	93.9	93.9	93.9	94.0
GE 2000	32.6	47.0	56.5	61.3	72.7	79.8	83.1	88.4	90.7	93.3	96.5	96.9	97.0	97.1	97.1	97.2
GE 1800	32.7	47.1	56.5	61.4	72.8	79.9	83.4	88.6	90.9	93.6	96.8	97.2	97.3	97.4	97.4	97.5
GE 1500	32.8	47.2	56.8	61.7	73.0	80.2	83.7	89.1	91.5	94.2	97.9	98.4	98.6	98.7	98.7	98.8
GE 1200	32.8	47.2	56.8	61.7	73.0	80.2	83.7	89.2	91.6	94.4	98.2	98.7	98.9	99.0	99.0	99.1
GE 1000	32.8	47.2	56.8	61.7	73.0	80.2	83.7	89.4	91.8	94.6	98.5	99.1	99.3	99.4	99.4	99.5
GE 900	32.8	47.2	56.8	61.7	73.0	80.2	83.7	89.4	91.8	94.6	98.5	99.1	99.3	99.4	99.4	99.5
GE 800	32.8	47.2	56.8	61.7	73.1	80.3	83.8	89.4	91.8	94.7	98.6	99.2	99.4	99.5	99.5	99.6
GE 700	32.8	47.2	56.8	61.7	73.1	80.3	83.8	89.4	91.9	94.7	98.6	99.2	99.4	99.5	99.5	99.7
GE 600	32.8	47.2	56.8	61.7	73.1	80.3	83.8	89.4	91.9	94.7	98.6	99.2	99.4	99.5	99.6	99.7
GE 500	32.8	47.2	56.8	61.7	73.1	80.3	83.8	89.4	91.9	94.8	98.7	99.3	99.5	99.6	99.6	99.8
GE 400	32.8	47.2	56.8	61.7	73.1	80.3	83.8	89.4	91.9	94.8	98.7	99.3	99.5	99.6	99.6	99.8
GE 300	32.9	47.2	56.8	61.7	73.2	80.4	83.9	89.5	92.0	94.9	98.8	99.4	99.6	99.7	99.7	99.9
GE 200	32.9	47.2	56.8	61.7	73.2	80.4	83.9	89.5	92.0	94.9	98.8	99.4	99.6	99.7	99.8	99.9
GE 100	32.9	47.2	56.8	61.7	73.2	80.4	83.9	89.5	92.0	94.9	98.8	99.4	99.6	99.7	99.8	100.0
GE 000	32.9	47.2	56.8	61.7	73.2	80.4	83.9	89.5	92.0	94.9	98.8	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3071

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 06-08

CEILING		VISIBILITY IN METERS														
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	15.3	26.3	29.0	32.4	41.3	50.0	53.6	66.1	70.1	72.2	77.3	78.4	78.4	78.4	78.4	78.4
GE 4500	16.1	27.1	29.9	33.3	42.2	50.8	54.4	67.2	71.2	73.3	78.4	79.4	79.4	79.4	79.4	79.4
GE 4000	17.8	29.0	32.4	35.8	45.1	54.2	57.8	72.0	76.3	79.0	84.5	85.6	85.6	85.6	85.6	85.6
GE 3500	18.9	30.1	33.7	37.7	47.0	56.8	61.0	75.6	79.9	82.6	88.1	89.4	89.4	89.4	89.4	89.4
GE 3000	19.7	31.6	35.4	39.6	49.4	59.5	64.0	78.8	83.1	85.8	91.7	93.0	93.0	93.0	93.0	93.0
GE 2500	19.7	31.6	35.4	39.6	49.6	60.0	64.4	80.1	84.3	87.1	93.9	95.1	95.1	95.1	95.1	95.1
GE 2000	20.1	32.2	36.0	40.3	50.2	60.6	65.5	81.1	85.4	88.8	96.4	97.7	97.7	97.7	97.7	97.7
GE 1800	20.1	32.2	36.0	40.3	50.2	60.6	65.5	81.1	85.4	89.0	96.6	97.9	97.9	97.9	97.9	97.9
GE 1500	20.1	32.2	36.0	40.3	50.2	60.6	65.5	81.1	85.4	89.0	96.6	97.9	97.9	97.9	97.9	97.9
GE 1200	20.1	32.2	36.0	40.3	50.2	60.6	65.5	81.1	85.4	89.0	96.6	97.9	97.9	97.9	97.9	97.9
GE 1000	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.4	97.9	99.4	99.4	99.4	99.4	99.4
GE 900	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.4	97.9	99.4	99.4	99.4	99.4	99.4
GE 800	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.4	97.9	99.4	99.4	99.4	99.4	99.4
GE 700	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.4	97.9	99.4	99.4	99.4	99.4	99.4
GE 600	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.1	99.6	99.6	99.6	99.6	99.6
GE 500	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.5	100.0	100.0	100.0	100.0	100.0
GE 400	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.5	100.0	100.0	100.0	100.0	100.0
GE 300	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.5	100.0	100.0	100.0	100.0	100.0
GE 200	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.5	100.0	100.0	100.0	100.0	100.0
GE 100	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.5	100.0	100.0	100.0	100.0	100.0
GE 000	20.1	32.2	36.0	40.3	50.4	60.8	65.7	81.4	85.6	89.6	98.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 472

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 09-11

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		22.5	34.2	39.9	43.9	54.4	64.3	69.9	79.0	81.6	83.6	84.8	85.0	85.0	85.0	85.0	85.0
GE 4500		22.5	34.2	39.9	43.9	54.6	64.4	70.1	79.1	81.7	83.7	85.0	85.1	85.1	85.1	85.1	85.1
GE 4000		25.0	36.7	42.3	46.6	57.4	67.3	73.0	82.5	85.1	87.1	88.3	88.5	88.5	88.5	88.5	88.5
GE 3500		25.9	37.7	43.6	48.3	59.2	69.5	75.5	85.0	87.6	89.6	90.8	91.0	91.0	91.0	91.0	91.0
GE 3000		27.9	39.7	45.7	50.5	61.8	72.1	78.2	88.2	90.8	92.8	94.2	94.3	94.3	94.3	94.3	94.3
GE 2500		28.1	39.9	45.9	50.8	62.6	73.0	79.1	89.3	91.9	94.2	95.7	95.9	95.9	95.9	95.9	95.9
GE 2000		28.2	40.0	46.2	51.2	63.3	74.2	80.4	90.5	93.3	95.7	97.7	97.9	97.9	97.9	97.9	97.9
GE 1800		28.2	40.0	46.2	51.4	63.7	74.5	80.7	90.8	93.6	96.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 1500		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.0	93.9	96.5	98.6	98.8	98.8	98.8	98.8	98.8
GE 1200		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.0	93.9	96.5	98.6	98.8	98.8	98.8	98.8	98.8
GE 1000		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.0	93.9	96.6	99.1	99.4	99.4	99.4	99.4	99.4
GE 900		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.0	93.9	96.6	99.1	99.4	99.4	99.4	99.4	99.4
GE 800		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.1	94.2	96.9	99.5	99.8	99.8	99.8	99.8	99.8
GE 700		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.1	94.2	96.9	99.5	99.8	99.8	99.8	99.8	99.8
GE 600		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.1	94.2	96.9	99.5	99.8	99.8	99.8	99.8	99.8
GE 500		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.1	94.2	96.9	99.5	99.8	99.8	99.8	99.8	99.8
GE 400		28.2	40.0	46.2	51.4	63.7	74.5	80.7	91.1	94.2	96.9	99.5	99.8	99.8	99.8	99.8	99.8
GE 300		28.2	40.0	46.2	51.4	63.8	74.7	80.8	91.3	94.3	97.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 200		28.2	40.0	46.2	51.4	63.8	74.7	80.8	91.3	94.3	97.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 100		28.2	40.0	46.2	51.4	63.8	74.7	80.8	91.3	94.3	97.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 000		28.2	40.0	46.2	51.4	63.8	74.7	80.8	91.3	94.3	97.1	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 652

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VCENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	32.6	40.9	48.8	51.6	60.8	68.8	72.1	76.0	76.9	77.7	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	32.9	41.2	49.1	51.9	61.1	69.3	72.6	76.4	77.3	78.2	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	35.9	44.2	52.8	55.6	65.3	74.0	77.4	81.6	82.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	36.6	45.1	53.9	56.7	66.5	75.2	78.9	84.0	84.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	38.0	46.7	55.9	58.9	69.7	79.7	83.7	89.6	90.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	38.7	47.6	57.1	60.2	71.7	82.6	86.6	93.0	94.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	38.7	47.8	57.3	61.0	72.7	84.1	88.1	95.1	96.3	97.9	98.2	98.2	98.2	98.2	98.2	98.4
GE 1800	38.7	47.8	57.3	61.0	72.7	84.1	88.1	95.1	96.3	97.9	98.2	98.2	98.2	98.2	98.2	98.4
GE 1500	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.5	96.7	98.4	98.8	98.8	98.8	98.8	98.8	99.0
GE 1200	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.0	98.7	99.1	99.1	99.1	99.1	99.1	99.3
GE 1000	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	38.7	47.8	57.3	61.0	72.7	84.4	88.6	95.7	97.2	99.0	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JUN HOURS: 15-17

CEILING		VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	33.7	42.1	48.3	51.6	61.4	67.9	69.6	73.3	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	
GE 4500	34.3	42.7	48.9	52.1	62.0	68.5	70.2	73.9	74.4	74.7	74.7	74.7	74.9	74.9	74.9	74.9	
GE 4000	37.7	46.2	52.6	56.3	66.2	73.0	74.9	78.6	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.6	
GE 3500	39.9	48.6	55.2	59.1	69.6	77.1	79.3	83.6	84.3	84.8	84.9	84.9	85.1	85.1	85.1	85.1	
GE 3000	41.2	50.1	57.5	61.4	72.8	81.7	84.2	89.2	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	
GE 2500	43.1	52.1	59.7	63.7	75.6	85.4	88.0	93.8	94.8	95.4	95.7	95.7	95.9	95.9	95.9	95.9	
GE 2000	43.4	52.4	60.1	64.3	76.4	86.6	89.2	95.4	96.6	97.2	97.5	97.5	97.6	97.6	97.6	97.6	
GE 1800	43.4	52.4	60.1	64.3	76.4	86.6	89.2	95.4	96.8	97.3	97.6	97.8	97.9	97.9	97.9	97.9	
GE 1500	43.4	52.4	60.3	64.4	76.5	87.0	89.7	95.9	97.3	97.9	98.4	98.5	98.7	98.7	98.7	98.7	
GE 1200	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.1	99.3	99.4	99.4	99.4	99.4	
GE 1000	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 900	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 800	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 700	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 600	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 500	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 400	43.4	52.4	60.3	64.4	76.5	87.0	89.7	96.5	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	
GE 300	43.4	52.4	60.3	64.4	76.5	87.1	89.8	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	99.9	
GE 200	43.6	52.6	60.4	64.5	76.7	87.3	90.0	96.8	98.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	
GE 100	43.6	52.6	60.4	64.5	76.7	87.3	90.0	96.8	98.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	
GE 000	43.6	52.6	60.4	64.5	76.7	87.3	90.0	96.8	98.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 677

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 18-20

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		33.8	45.6	51.8	53.9	62.9	66.6	67.6	73.1	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500		34.1	45.9	52.2	54.2	63.3	66.9	67.9	73.5	73.8	74.4	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000		37.8	50.1	56.8	59.3	69.0	73.3	74.4	79.9	80.6	81.1	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500		40.0	52.3	59.6	62.2	72.8	77.5	78.9	84.4	85.1	85.6	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000		41.2	53.6	61.4	64.3	75.2	80.9	82.3	87.9	88.7	89.3	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500		41.8	54.4	62.6	65.7	76.6	83.2	84.7	90.8	91.7	92.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000		41.8	54.4	62.6	66.0	77.3	84.7	86.5	93.4	94.3	95.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800		41.8	54.4	62.6	66.0	77.3	84.7	86.5	93.4	94.3	95.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500		42.1	54.8	63.1	66.6	77.8	85.4	87.2	94.6	96.4	97.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		42.1	54.8	63.1	66.6	77.8	85.8	87.5	95.1	97.2	98.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 300		42.1	54.8	63.1	66.6	78.0	86.0	87.7	95.3	97.4	98.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		42.1	54.8	63.1	66.6	78.0	86.0	87.7	95.3	97.4	98.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		42.1	54.8	63.1	66.6	78.0	86.0	87.7	95.3	97.4	98.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		42.1	54.8	63.1	66.6	78.0	86.0	87.7	95.3	97.4	98.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 577

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	28.2	38.4	44.3	47.4	57.0	64.3	67.4	74.0	75.5	76.6	77.8	77.9	78.0	78.0	78.0	78.0
GE 4500	28.6	38.8	44.7	47.6	57.4	64.8	67.8	74.4	76.0	77.1	78.3	78.5	78.5	78.5	78.5	78.5
GE 4000	31.5	41.8	48.1	51.5	61.4	69.2	72.3	79.3	81.0	82.2	83.5	83.7	83.7	83.7	83.7	83.7
GE 3500	33.0	43.3	49.9	53.5	63.8	72.0	75.5	82.9	84.6	85.9	87.2	87.5	87.5	87.5	87.5	87.5
GE 3000	34.3	44.9	51.9	55.7	66.6	75.6	79.3	87.2	89.1	90.4	91.9	92.1	92.1	92.1	92.1	92.1
GE 2500	35.1	45.8	52.9	56.8	68.1	77.8	81.6	90.0	91.8	93.3	95.1	95.3	95.3	95.3	95.3	95.3
GE 2000	35.2	46.0	53.2	57.4	68.9	79.0	82.9	91.7	93.6	95.3	97.2	97.5	97.5	97.5	97.5	97.5
GE 1800	35.2	46.0	53.2	57.4	69.0	79.1	83.0	91.8	93.7	95.5	97.4	97.7	97.7	97.7	97.7	97.7
GE 1500	35.3	46.1	53.4	57.5	69.1	79.4	83.3	92.2	94.4	96.2	98.2	98.5	98.5	98.5	98.5	98.5
GE 1200	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.5	94.8	96.6	98.6	98.9	98.9	98.9	98.9	99.0
GE 1000	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.5	94.9	96.8	99.2	99.6	99.6	99.6	99.6	99.6
GE 900	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.5	94.9	96.8	99.2	99.6	99.6	99.6	99.6	99.6
GE 800	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.6	95.0	96.8	99.4	99.7	99.7	99.7	99.7	99.8
GE 700	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.6	95.0	96.8	99.4	99.7	99.7	99.7	99.7	99.8
GE 600	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.6	95.0	96.9	99.4	99.7	99.8	99.8	99.8	99.8
GE 500	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.6	95.0	96.9	99.5	99.8	99.8	99.8	99.8	99.9
GE 400	35.3	46.1	53.4	57.5	69.1	79.5	83.4	92.6	95.0	96.9	99.5	99.8	99.8	99.8	99.8	99.9
GE 300	35.3	46.1	53.4	57.5	69.2	79.6	83.5	92.7	95.1	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 200	35.3	46.1	53.4	57.6	69.2	79.6	83.5	92.7	95.1	97.0	99.6	99.9	100.0	100.0	100.0	100.0
GE 100	35.3	46.1	53.4	57.6	69.2	79.6	83.5	92.7	95.1	97.0	99.6	99.9	100.0	100.0	100.0	100.0
GE 000	35.3	46.1	53.4	57.6	69.2	79.6	83.5	92.7	95.1	97.0	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3052



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 06-08

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		17.5	27.0	31.1	32.7	43.4	52.7	57.2	67.3	72.0	76.7	86.6	87.7	87.7	87.7	87.7	87.7
GE 4500		18.1	27.6	31.9	33.5	44.2	53.5	58.0	68.1	72.8	77.6	87.4	88.5	88.5	88.5	88.5	88.5
GE 4000		18.5	28.0	32.7	34.6	46.3	55.6	60.1	70.6	75.5	80.2	90.7	91.8	91.8	91.8	91.8	91.8
GE 3500		20.0	29.4	34.2	36.0	48.4	57.8	62.3	73.5	78.6	83.3	94.0	95.1	95.1	95.1	95.1	95.1
GE 3000		20.6	30.5	35.4	37.2	49.8	59.5	64.0	75.5	80.9	85.6	96.3	97.7	97.7	97.7	97.7	97.7
GE 2500		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.2	98.1	99.6	99.6	99.6	99.6	99.6
GE 2000		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.2	98.1	99.6	99.6	99.6	99.6	99.6
GE 1800		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	99.8	99.8	99.8	99.8	99.8
GE 1500		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 1200		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 1000		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 900		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 800		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 700		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 600		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 500		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 400		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 300		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 200		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 100		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0
GE 000		20.8	30.7	35.6	37.4	50.0	60.3	64.8	76.3	82.3	87.4	98.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 486

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	21.7	34.8	41.9	44.9	55.2	65.5	73.0	84.5	88.1	89.9	91.4	91.6	91.6	91.6	91.6	91.7
GE 4500	22.2	35.4	42.5	45.6	55.8	66.1	73.6	85.1	88.7	90.5	92.0	92.2	92.2	92.2	92.2	92.3
GE 4000	22.5	35.7	43.0	46.0	56.7	67.0	74.5	86.4	90.2	92.0	93.5	93.7	93.7	93.7	93.7	93.8
GE 3500	23.2	36.5	43.7	46.8	58.2	68.9	76.5	88.7	92.5	94.3	95.8	95.9	95.9	95.9	95.9	96.1
GE 3000	23.5	36.8	44.3	47.7	59.4	70.3	77.8	90.6	94.6	96.8	98.3	98.5	98.5	98.5	98.5	98.6
GE 2500	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.1	95.0	97.3	99.1	99.2	99.2	99.2	99.2	99.4
GE 2000	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.7	99.5	99.7	99.7	99.7	99.7	99.8
GE 1800	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 1500	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 1200	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 1000	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 900	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 800	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 700	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 600	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 500	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 400	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 300	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 200	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 100	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0
GE 000	23.8	37.1	44.6	48.0	59.9	70.7	78.3	91.3	95.3	97.9	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.1	42.6	48.8	52.5	65.8	77.1	83.3	87.4	87.9	88.5	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	31.5	43.0	49.3	53.0	66.3	77.5	83.7	87.9	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	32.0	43.5	49.9	53.8	67.3	78.8	85.1	89.2	89.6	90.4	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	33.0	44.5	51.0	55.2	69.4	81.2	87.6	91.7	92.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	33.7	45.3	52.7	56.8	71.7	83.9	90.7	95.0	95.7	96.9	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	34.2	45.9	53.7	57.8	72.8	85.2	92.0	96.4	97.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3
GE 2000	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.7	99.9	99.9	99.9	99.9	99.9
GE 1800	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.7	99.9	99.9	99.9	99.9	99.9
GE 1500	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 1200	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 1000	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 900	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 800	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	34.2	45.9	53.7	57.8	72.9	85.4	92.2	96.9	97.6	98.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.4	45.3	53.7	60.0	68.9	79.5	82.1	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	34.7	45.6	53.9	60.5	69.6	80.2	82.8	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	36.0	47.1	55.4	62.0	72.2	82.9	85.5	87.4	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	38.0	49.2	57.5	64.3	75.0	86.8	89.4	91.	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	39.7	50.9	60.0	67.1	78.2	90.4	93.5	95.4	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	39.9	51.1	60.4	67.6	78.8	91.2	94.4	96.4	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	40.0	51.2	60.5	67.9	79.1	91.5	94.8	97.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	40.0	51.2	60.5	67.9	79.1	91.5	94.8	97.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	40.2	51.4	60.7	68.0	79.5	92.0	95.3	97.4	98.4	99.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	40.2	51.4	60.7	68.0	79.5	92.0	95.3	97.4	98.4	99.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	40.2	51.4	60.7	68.0	79.6	92.1	95.4	97.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 18-20

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		30.3	45.8	53.9	58.1	71.7	80.5	83.4	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500		30.7	46.1	54.6	58.8	72.4	81.2	84.1	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000		31.5	47.1	55.8	60.5	74.7	83.9	86.9	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500		32.0	47.8	56.4	61.5	76.6	86.4	89.5	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.4
GE 3000		32.9	48.6	58.1	63.2	79.0	89.3	92.7	95.8	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.6
GE 2500		33.6	49.5	59.2	64.2	80.3	91.2	94.7	98.0	98.3	98.3	98.8	98.8	98.8	98.8	98.8	99.0
GE 2000		33.6	49.5	59.2	64.2	80.3	91.4	94.9	98.3	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.7
GE 1800		33.6	49.5	59.2	64.2	80.3	91.4	94.9	98.3	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.7
GE 1500		33.6	49.5	59.2	64.2	80.3	91.4	94.9	98.5	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.8
GE 1200		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 1000		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 900		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 800		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 700		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 600		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 500		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 400		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 300		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 200		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 100		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 000		33.6	49.5	59.2	64.2	80.3	91.5	95.1	98.6	99.2	99.2	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 590

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
JST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	27.6	39.7	46.6	50.5	61.9	72.0	76.8	82.6	84.3	85.6	87.6	87.8	87.8	87.8	87.8	87.8
GE 4500	28.0	40.2	47.2	51.2	62.5	72.6	77.4	83.2	85.0	86.3	88.2	88.4	88.4	88.4	88.4	88.4
GE 4000	28.7	40.9	48.1	52.2	64.3	74.6	79.4	85.4	87.3	88.7	90.7	90.9	90.9	90.9	90.9	90.9
GE 3500	29.8	42.1	49.3	53.6	66.4	77.2	82.0	88.3	90.2	91.6	93.8	94.0	94.0	94.0	94.0	94.0
GE 3000	30.7	43.1	50.9	55.3	68.5	79.7	84.8	91.3	93.3	94.9	97.1	97.4	97.4	97.4	97.4	97.5
GE 2500	31.0	43.5	51.5	55.9	69.2	80.7	85.9	92.4	94.7	96.3	98.8	99.1	99.1	99.1	99.1	99.1
GE 2000	31.1	43.5	51.5	56.0	69.3	80.8	86.1	92.8	95.1	96.8	99.3	99.6	99.6	99.6	99.6	99.6
GE 1800	31.1	43.5	51.5	56.0	69.3	80.8	86.1	92.8	95.1	96.8	99.4	99.6	99.6	99.6	99.6	99.7
GE 1500	31.1	43.5	51.5	56.0	69.4	80.9	86.2	92.9	95.2	96.9	99.5	99.8	99.8	99.8	99.8	99.9
GE 1200	31.1	43.5	51.5	56.0	69.4	81.0	86.2	92.9	95.2	97.0	99.6	99.9	99.9	99.9	99.9	99.9
GE 1000	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 900	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 800	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 700	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 600	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 500	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 400	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 300	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 200	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 100	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0
GE 000	31.1	43.5	51.5	56.0	69.5	81.0	86.2	93.0	95.3	97.0	99.6	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3112

OPERATING LOCATION "A"  
USA TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 06-08

CEILING		VISIBILITY IN METERS														
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	16.1	31.2	37.6	39.6	48.7	56.5	58.6	69.0	74.0	76.9	83.1	84.3	84.3	84.3	84.3	84.3
GE 4500	16.5	31.6	38.0	40.0	49.1	56.9	59.0	69.4	74.4	77.3	83.5	84.7	84.7	84.7	84.7	84.7
GE 4000	17.1	32.4	38.8	40.8	50.3	58.6	60.8	71.6	77.1	81.3	87.5	88.7	88.7	88.7	88.7	88.7
GE 3500	18.3	33.8	40.2	42.5	52.1	60.6	62.8	73.8	79.5	84.3	90.7	91.8	91.8	91.8	91.8	91.8
GE 3000	18.9	34.6	41.4	43.7	53.3	62.8	66.0	77.1	83.1	87.9	94.4	95.6	95.6	95.6	95.6	95.6
GE 2500	19.1	35.0	41.9	44.3	54.1	63.6	66.8	78.3	84.7	89.5	96.0	97.4	97.4	97.4	97.4	97.4
GE 2000	19.1	35.0	41.9	44.3	54.1	63.8	67.0	78.9	85.3	90.1	96.6	98.0	98.0	98.0	98.0	98.0
GE 1800	19.1	35.0	41.9	44.3	54.1	63.8	67.0	78.9	85.3	90.1	96.6	98.0	98.0	98.0	98.0	98.0
GE 1500	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.7	90.5	97.4	98.8	98.8	98.8	98.8	98.8
GE 1200	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.7	90.5	97.4	99.0	99.0	99.0	99.0	99.0
GE 1000	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.6	99.2	99.2	99.2	99.2	99.2
GE 900	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.6	99.2	99.2	99.2	99.2	99.2
GE 800	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	99.6	99.6
GE 700	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	99.6	99.6
GE 600	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	99.6	99.6
GE 500	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	100.0	100.0
GE 400	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	100.0	100.0
GE 300	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	100.0	100.0
GE 200	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	100.0	100.0
GE 100	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	100.0	100.0
GE 00	19.1	35.0	41.9	44.3	54.3	64.0	67.4	79.3	85.9	90.7	97.8	99.6	99.6	99.6	100.0	100.0

NUMBER OF OBSERVATIONS 503

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 09-11

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		25.8	42.7	49.0	53.4	63.8	71.7	76.6	84.4	86.5	87.0	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500		26.5	43.4	49.7	54.1	64.8	72.7	77.6	85.4	87.5	88.0	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000		27.2	44.2	50.6	54.9	65.6	73.9	78.9	86.9	89.3	90.0	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500		27.3	44.4	50.8	55.4	66.3	74.9	80.0	88.6	91.1	92.1	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000		27.7	44.9	51.7	56.2	67.6	76.8	82.1	90.8	93.5	94.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500		27.7	44.9	51.7	56.2	68.0	77.3	83.0	92.1	94.8	95.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000		28.2	45.4	52.3	56.8	68.6	78.2	83.8	93.1	95.8	96.9	99.0	99.2	99.2	99.2	99.2	99.2
GE 1800		28.2	45.4	52.4	56.9	68.7	78.3	83.9	93.2	95.9	97.0	99.2	99.3	99.3	99.3	99.3	99.3
GE 1500		28.2	45.4	52.4	56.9	68.7	78.3	83.9	93.2	95.9	97.0	99.2	99.3	99.3	99.3	99.3	99.3
GE 1200		28.2	45.4	52.5	57.0	68.9	78.5	84.1	93.5	96.2	97.3	99.4	99.6	99.6	99.6	99.6	99.6
GE 1000		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.7	99.9	99.9	99.9	99.9	99.9
GE 900		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.7	99.9	99.9	99.9	99.9	99.9
GE 800		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.7	99.9	99.9	99.9	99.9	99.9
GE 700		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 600		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 500		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 400		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 300		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 200		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 000		28.2	45.4	52.5	57.2	69.2	78.7	84.4	93.8	96.5	97.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 710



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.1	51.4	57.9	61.7	70.7	78.7	82.0	84.3	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.8
GE 4500	35.1	52.3	58.8	62.7	71.7	79.7	83.0	85.2	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 4000	37.4	54.7	61.3	65.5	74.7	83.1	86.7	89.2	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 3500	38.1	55.4	62.6	66.7	76.1	84.7	88.7	91.6	92.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2
GE 3000	38.8	56.1	63.4	67.7	77.8	86.3	90.3	93.4	93.8	94.8	95.0	95.2	95.2	95.2	95.2	95.3
GE 2500	39.2	56.5	64.1	68.5	78.9	87.4	92.0	95.2	95.6	96.5	97.0	97.1	97.1	97.1	97.1	97.2
GE 2000	39.9	57.3	64.9	69.3	79.8	88.8	93.5	96.7	97.1	98.1	98.5	98.6	98.6	98.6	98.6	98.8
GE 1800	39.9	57.3	64.9	69.3	79.8	88.8	93.5	96.7	97.1	98.1	98.5	98.6	98.6	98.6	98.6	98.8
GE 1500	40.1	57.5	65.1	69.5	80.0	89.0	93.6	97.2	97.7	98.8	99.2	99.3	99.3	99.3	99.3	99.4
GE 1200	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.6	99.7	99.7	99.7	99.7	99.9
GE 1000	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 900	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 800	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 700	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 600	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 500	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 400	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 300	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 200	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 100	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0
GE 000	40.1	57.5	65.1	69.5	80.0	89.1	93.8	97.5	97.9	99.0	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 724

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	38.3	54.1	62.4	65.2	75.4	80.9	81.5	82.9	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.9
GE 4500	38.9	54.7	63.0	65.8	75.9	81.5	82.1	83.5	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.5
GE 4000	41.3	57.3	66.4	69.4	79.9	85.6	86.5	88.0	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.3
GE 3500	43.0	59.1	68.5	71.7	82.3	86.3	89.2	91.0	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.5
GE 3000	43.9	60.1	69.8	73.1	84.6	90.9	92.3	94.6	95.0	95.9	96.0	96.0	96.0	96.0	96.0	96.2
GE 2500	44.7	61.1	70.9	74.5	86.3	93.2	94.7	97.2	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.7
GE 2000	44.7	61.1	70.9	74.5	86.3	93.4	95.0	97.7	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.3
GE 1800	44.7	61.1	70.9	74.5	86.3	93.4	95.0	97.7	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.3
GE 1500	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 1200	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 1000	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	44.7	61.1	70.9	74.5	86.5	93.6	95.2	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	36.3	56.1	62.9	66.2	75.9	80.7	81.0	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4500	36.6	56.6	63.4	66.7	76.4	81.1	81.5	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	38.0	58.4	66.0	69.8	79.8	85.4	85.7	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	38.7	59.3	67.2	71.7	82.0	87.6	88.0	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.1
GE 3000	39.5	60.5	68.5	73.0	83.7	89.8	90.4	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	94.0
GE 2500	39.8	61.1	69.3	73.8	85.0	92.4	93.0	95.8	96.1	96.6	96.9	96.9	96.9	96.9	96.9	97.1
GE 2000	40.0	61.3	69.9	74.5	85.9	93.3	94.0	96.9	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.2
GE 1800	40.0	61.3	69.9	74.5	85.9	93.3	94.0	96.9	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.2
GE 1500	40.0	61.3	70.2	74.8	86.3	94.1	94.8	97.9	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.2
GE 1200	40.0	61.3	70.2	74.8	86.3	94.1	94.8	98.0	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.3
GE 1000	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.7
GE 900	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 800	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 700	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 600	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 500	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 400	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 300	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 200	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	40.0	61.3	70.2	74.8	86.3	94.1	95.0	98.2	98.7	99.2	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	30.8	47.8	54.7	58.1	67.8	74.6	76.9	81.4	82.8	83.8	85.1	85.3	85.3	85.3	85.3	85.3
GE 4500	31.4	48.5	55.4	58.7	68.5	75.3	77.6	82.1	83.5	84.5	85.8	86.0	86.0	86.0	86.0	86.0
GE 4000	33.0	50.2	57.5	61.0	71.1	78.3	80.8	85.6	87.1	88.4	89.7	89.9	89.9	89.9	89.9	89.9
GE 3500	33.9	51.2	58.7	62.5	72.7	80.2	82.8	87.9	89.5	90.9	92.3	92.5	92.5	92.5	92.5	92.6
GE 3000	34.5	52.0	59.8	63.6	74.4	82.2	85.2	90.5	92.3	93.7	95.3	95.5	95.5	95.5	95.5	95.6
GE 2500	34.9	52.5	60.4	64.4	75.4	83.7	86.9	92.4	94.3	95.7	97.4	97.6	97.6	97.6	97.6	97.7
GE 2000	35.2	52.8	60.8	64.8	75.9	84.5	87.7	93.4	95.2	96.7	98.4	98.6	98.6	98.6	98.6	98.7
GE 1800	35.2	52.8	60.9	64.8	76.0	84.5	87.7	93.5	95.3	96.7	98.4	98.7	98.7	98.7	98.7	98.8
GE 1500	35.2	52.9	61.0	64.9	76.2	84.8	88.0	93.9	95.7	97.3	99.0	99.3	99.3	99.3	99.3	99.4
GE 1200	35.2	52.9	61.0	65.0	76.2	84.8	88.1	94.1	95.9	97.4	99.2	99.5	99.5	99.5	99.5	99.6
GE 1000	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.4	99.7	99.7	99.7	99.7	99.8
GE 900	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.4	99.8	99.8	99.8	99.8	99.8
GE 800	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.8	99.9
GE 700	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.8	99.9
GE 600	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.8	99.9
GE 500	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.9	100.0
GE 400	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.9	100.0
GE 300	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.9	100.0
GE 200	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.9	100.0
GE 100	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.9	100.0
GE 000	35.2	52.9	61.0	65.0	76.2	84.9	88.2	94.2	96.0	97.6	99.5	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3254

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA-ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	13.4	20.4	21.8	23.4	26.2	31.8	33.4	42.0	46.0	50.4	62.8	69.0	73.8	76.2	79.0	81.2
GE 4500	13.6	20.6	22.2	23.8	26.6	32.4	34.0	42.6	46.6	51.0	63.4	69.6	74.4	76.8	79.6	81.8
GE 4000	13.8	20.8	22.6	24.4	27.2	33.2	34.8	43.8	47.8	52.2	64.6	70.8	75.6	78.0	80.8	83.0
GE 3500	14.4	22.0	24.4	26.4	29.2	35.6	37.4	46.8	50.8	55.2	67.8	74.0	78.8	81.2	84.0	86.2
GE 3000	15.0	22.8	25.2	27.2	30.4	36.8	38.8	48.6	53.0	58.2	71.0	77.8	82.6	85.0	87.8	90.0
GE 2500	15.2	23.0	25.4	27.4	30.8	37.8	39.8	49.8	54.2	59.8	73.0	79.8	85.0	87.8	90.6	92.8
GE 2000	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.0	55.6	61.4	74.8	81.6	87.0	90.0	92.8	95.0
GE 1800	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.0	55.6	61.4	74.8	81.6	87.0	90.0	92.8	95.0
GE 1500	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.0	55.6	61.4	74.8	82.2	87.6	90.8	93.6	95.8
GE 1200	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.2	82.6	88.0	91.2	94.0	96.2
GE 1000	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.2	83.0	89.0	92.6	95.6	97.8
GE 900	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.2	83.0	89.0	92.6	95.6	97.8
GE 800	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.4	89.4	93.0	96.0	98.2
GE 700	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.4	89.4	93.0	96.0	98.2
GE 600	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.6	89.8	93.4	96.4	98.6
GE 500	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.6	89.8	93.8	96.8	99.0
GE 400	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.6	89.8	93.8	96.8	99.2
GE 300	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.6	89.8	93.8	96.8	99.2
GE 200	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.6	89.8	93.8	96.8	99.2
GE 100	15.4	23.4	25.8	27.8	31.6	38.6	41.0	51.2	55.8	61.6	75.4	83.6	89.8	93.8	96.8	99.4
GE 000	15.6	23.6	26.0	28.0	31.8	38.8	41.2	51.4	56.0	61.8	75.6	83.8	90.0	94.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 4	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	17.6	24.8	29.1	32.5	39.0	47.8	52.7	63.0	69.9	76.6	84.5	86.9	87.6	87.6	87.8	87.9
GE 4500	17.6	24.8	29.1	32.5	39.0	47.8	52.7	63.0	69.9	76.6	84.5	86.9	87.6	87.6	87.8	87.9
GE 4000	18.4	25.5	29.9	33.6	40.1	49.1	54.0	64.3	71.3	78.1	86.0	88.4	89.1	89.1	89.3	89.4
GE 3500	19.0	26.3	30.7	34.5	41.0	50.1	55.4	65.8	72.8	79.7	87.6	90.1	90.9	90.9	91.0	91.2
GE 3000	19.3	26.7	31.2	34.9	41.8	51.0	56.3	66.7	74.0	81.3	89.6	92.4	93.1	93.1	93.3	93.4
GE 2500	19.4	26.9	31.3	35.1	42.1	51.3	56.6	67.5	75.1	82.5	91.5	94.3	95.2	95.2	95.4	95.5
GE 2000	19.4	27.0	31.6	35.7	42.7	52.1	57.3	68.2	75.8	83.3	92.2	95.1	96.1	96.1	96.3	96.4
GE 1800	19.6	27.2	31.8	35.8	43.0	52.4	57.6	68.5	76.1	83.6	92.5	95.4	96.4	96.4	96.6	96.7
GE 1500	19.6	27.2	31.8	35.8	43.0	52.5	57.8	68.8	76.6	84.0	93.3	96.3	97.3	97.3	97.5	97.6
GE 1200	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.0	76.7	84.2	93.4	96.4	97.5	97.6	97.8	97.9
GE 1000	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.0	76.7	84.2	93.9	96.9	97.9	98.4	98.8	99.0
GE 900	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.0	76.7	84.2	93.9	96.9	97.9	98.4	98.8	99.0
GE 800	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.7	99.3	99.7	99.9
GE 700	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 600	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 500	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 400	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 300	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 200	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 100	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0
GE 000	19.6	27.2	31.8	35.8	43.0	52.5	57.8	69.1	77.0	84.5	94.5	97.6	98.8	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 670

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 12-14

CEILING		VISIBILITY IN METERS															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	21.4	32.5	37.8	40.1	50.7	60.1	65.4	75.4	79.0	85.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	21.4	32.5	37.8	40.1	50.7	60.1	65.4	75.8	79.4	85.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	22.3	33.5	38.8	41.4	52.5	61.9	67.1	78.0	81.6	87.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	22.9	34.2	39.9	42.6	53.9	63.6	69.1	80.3	83.9	90.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	23.8	35.1	40.7	43.5	55.7	65.4	70.9	82.2	86.1	92.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	23.9	35.2	41.0	43.8	55.9	65.9	71.7	83.5	87.4	93.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.8	88.7	95.5	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.8	88.7	95.5	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	95.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	95.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9
GE 1000	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	95.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9
GE 900	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	95.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9
GE 800	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	24.1	35.4	41.4	44.2	56.7	67.0	73.0	84.9	89.1	96.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATIN "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 15-17

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		24.9	36.6	42.6	44.8	55.8	64.5	70.5	78.5	80.3	84.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500		24.9	36.6	42.6	44.8	55.8	64.5	70.5	78.5	80.3	84.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000		26.0	37.7	43.8	46.2	57.5	66.2	72.3	80.6	82.8	86.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 3500		27.6	39.3	45.4	48.1	59.7	68.9	75.0	83.8	86.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000		28.8	40.6	46.7	49.6	61.7	71.4	77.7	86.7	89.6	93.6	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500		29.3	41.3	47.4	50.7	63.3	73.4	80.3	89.3	92.2	96.4	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000		29.3	41.5	47.5	50.9	63.4	73.7	80.9	90.2	93.1	97.3	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800		29.3	41.5	47.5	50.9	63.4	73.7	80.9	90.2	93.1	97.3	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500		29.6	41.8	47.8	51.2	63.7	74.0	81.2	90.5	93.4	97.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		29.6	41.8	47.8	51.2	63.7	74.0	81.2	90.5	93.4	97.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		29.6	41.8	47.8	51.2	63.7	74.0	81.4	90.6	93.5	97.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 692



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	22.2	35.3	38.4	40.9	51.2	59.6	62.8	72.1	76.9	79.5	83.9	84.6	84.6	84.6	84.6	84.8
GE 4500	22.2	35.3	38.5	41.1	51.4	59.7	62.9	72.2	77.0	79.6	84.1	84.8	84.8	84.8	84.8	84.9
GE 4000	23.1	36.3	39.5	42.1	52.6	61.0	64.2	73.7	78.7	81.2	85.7	86.4	86.4	86.4	86.4	86.5
GE 3500	24.6	38.2	41.6	44.1	54.9	63.7	66.9	76.9	82.2	84.8	89.6	90.4	90.4	90.4	90.4	90.5
GE 3000	25.0	38.7	42.5	45.1	56.0	65.2	68.4	78.7	84.3	86.8	91.8	92.6	92.6	92.6	92.6	92.8
GE 2500	25.5	39.3	43.2	45.7	57.6	67.3	70.5	81.7	87.6	90.2	95.3	96.3	96.3	96.3	96.3	96.5
GE 2000	26.0	39.8	43.7	46.2	58.3	67.9	71.1	82.8	88.9	91.5	97.1	98.2	98.2	98.2	98.2	98.4
GE 1800	26.0	39.8	43.7	46.2	58.3	67.9	71.1	82.8	88.9	91.5	97.1	98.2	98.2	98.2	98.2	98.4
GE 1500	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.4	99.4	99.4	99.4	99.5
GE 1200	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.4	99.4	99.4	99.4	99.5
GE 1000	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 900	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 800	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 700	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 600	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 500	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 400	26.0	39.8	43.7	46.2	58.4	68.1	71	83.0	89.2	91.8	97.9	99.7	99.7	99.7	99.7	99.8
GE 300	26.0	39.8	43.7	46.2	58.4	68.1	71	83.1	89.4	92.0	98.1	99.8	99.8	99.8	99.8	100.0
GE 200	26.0	39.8	43.7	46.2	58.4	68.1	71	83.1	89.4	92.0	98.1	99.8	99.8	99.8	99.8	100.0
GE 100	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.1	89.4	92.0	98.1	99.8	99.8	99.8	99.8	100.0
GE 000	26.0	39.8	43.7	46.2	58.4	68.1	71.3	83.1	89.4	92.0	98.1	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 623

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	20.3	30.4	34.6	37.1	45.6	53.9	58.3	67.5	71.7	76.6	81.8	83.5	84.4	84.8	85.2	85.6
GE 4500	20.3	30.4	34.7	37.2	45.7	54.0	58.4	67.7	72.0	76.8	82.0	83.7	84.6	85.0	85.4	85.9
GE 4000	21.1	31.3	35.6	38.3	47.0	55.4	59.8	69.4	73.8	78.6	83.9	85.5	86.4	86.8	87.3	87.7
GE 3500	22.1	32.5	37.0	39.8	48.8	57.5	62.1	72.1	76.6	81.4	86.8	88.5	89.4	89.8	90.3	90.7
GE 3000	22.8	33.1	37.9	40.8	50.1	59.1	63.7	73.9	78.7	83.9	89.4	91.3	92.2	92.6	93.1	93.5
GE 2500	23.1	33.7	38.3	41.3	51.0	60.3	65.1	75.7	80.7	85.9	91.9	93.8	94.8	95.3	95.7	96.2
GE 2000	23.2	33.9	38.7	41.7	51.6	61.0	66.0	76.8	81.8	87.1	93.3	95.2	96.3	96.8	97.2	97.6
GE 1800	23.3	34.0	38.7	41.7	51.6	61.1	66.1	76.8	81.8	87.2	93.4	95.3	96.3	96.8	97.3	97.7
GE 1500	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.0	82.1	87.5	94.0	96.2	97.2	97.7	98.2	98.6
GE 1200	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.2	87.6	94.1	96.3	97.4	97.9	98.4	98.8
GE 1000	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.2	87.7	94.3	96.5	97.7	98.4	99.0	99.4
GE 900	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.2	87.7	94.3	96.5	97.7	98.4	99.0	99.4
GE 800	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.3	87.7	94.5	96.8	98.0	98.7	99.2	99.7
GE 700	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.3	87.7	94.5	96.8	98.0	98.7	99.3	99.7
GE 600	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.3	87.7	94.5	96.8	98.1	98.8	99.3	99.7
GE 500	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.3	87.7	94.5	96.8	98.1	98.8	99.4	99.8
GE 400	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.1	82.3	87.7	94.5	96.8	98.1	98.8	99.4	99.8
GE 300	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.2	82.3	87.8	94.5	96.9	98.1	98.9	99.4	99.9
GE 200	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.2	82.3	87.8	94.5	96.9	98.1	98.9	99.4	99.9
GE 100	23.3	34.0	38.8	41.8	51.7	61.2	66.2	77.2	82.3	87.8	94.5	96.9	98.1	98.9	99.4	99.9
GE 000	23.4	34.0	38.8	41.8	51.7	61.2	66.3	77.2	82.4	87.8	94.5	96.9	98.1	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3175

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST 0 UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	11.3	20.0	23.3	23.8	28.7	32.2	34.0	39.4	41.4	44.4	52.1	56.0	57.3	61.0	63.8	65.8
GE 4500	11.5	20.1	23.5	24.0	28.8	32.3	34.2	39.6	41.6	44.5	52.3	56.2	57.5	61.2	64.0	66.0
GE 4000	12.8	21.8	25.3	25.9	31.4	35.3	37.3	43.6	45.7	49.0	57.1	61.0	62.3	66.0	68.8	70.8
GE 3500	13.5	22.9	26.4	27.2	33.3	37.7	40.1	47.7	50.3	54.2	62.7	66.9	68.4	72.6	75.4	77.6
GE 3000	14.6	24.2	27.7	28.5	34.8	39.2	41.6	49.9	52.7	56.6	66.4	71.3	72.8	77.1	80.0	82.3
GE 2500	15.0	24.6	28.1	28.8	36.2	41.0	44.2	52.9	55.8	60.1	70.1	75.4	77.4	81.7	84.8	87.1
GE 2000	15.3	25.0	28.5	29.2	36.6	41.4	44.5	53.8	56.9	61.4	72.1	77.8	79.9	84.1	87.6	89.8
GE 1800	15.3	25.0	28.5	29.2	36.6	41.4	44.5	54.2	57.3	61.7	72.5	78.2	80.2	84.5	88.0	90.2
GE 1500	15.3	25.1	28.7	29.4	36.8	41.6	44.7	54.5	57.9	62.5	73.4	79.3	81.9	86.3	89.8	92.1
GE 1200	15.3	25.1	29.0	29.8	37.2	42.0	45.1	55.1	58.4	63.0	73.9	79.9	82.4	86.9	90.4	92.6
GE 1000	15.3	25.1	29.0	29.8	37.2	42.0	45.1	55.1	58.4	63.0	73.9	79.9	82.4	87.1	90.9	93.2
GE 900	15.3	25.1	29.0	29.8	37.2	42.0	45.1	55.1	58.4	63.0	73.9	79.9	82.4	87.1	90.9	93.2
GE 800	15.3	25.1	29.0	29.8	37.2	42.0	45.1	55.3	58.6	63.2	74.1	80.0	82.6	87.2	91.3	93.5
GE 700	15.3	25.1	29.0	29.8	37.2	42.0	45.1	55.3	58.6	63.2	74.1	80.2	82.8	87.4	92.2	94.6
GE 600	15.3	25.1	29.0	29.8	37.2	42.0	45.1	55.3	58.6	63.2	74.1	80.2	82.8	87.6	92.4	94.8
GE 500	15.3	25.1	29.0	29.8	37.2	42.1	45.3	55.5	59.0	63.6	74.5	80.6	83.4	88.2	93.7	96.3
GE 400	15.3	25.1	29.0	29.8	37.2	42.1	45.3	55.5	59.0	63.6	74.5	80.6	83.7	88.5	94.1	96.9
GE 300	15.3	25.1	29.0	29.8	37.2	42.1	45.3	55.5	59.0	63.6	74.5	80.6	83.7	88.5	94.1	97.2
GE 200	15.3	25.1	29.0	29.8	37.2	42.1	45.3	55.5	59.0	63.6	74.5	80.6	83.7	88.5	94.1	97.8
GE 100	15.3	25.1	29.0	29.8	37.2	42.1	45.3	55.5	59.0	63.6	74.5	80.6	83.7	88.5	94.1	98.3
GE 000	15.3	25.1	29.0	29.8	37.2	42.1	45.3	55.5	59.0	63.6	74.5	80.6	83.7	88.5	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 541

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	12.7	21.3	25.5	27.5	35.5	42.0	46.1	53.9	57.0	61.8	69.8	71.1	72.8	73.2	74.1	74.9
GE 4500	12.9	21.4	25.6	27.6	35.6	42.1	46.2	54.1	57.2	61.9	69.9	71.3	72.9	73.3	74.3	75.1
GE 4000	13.3	21.8	26.4	28.5	37.3	44.3	48.5	56.5	59.6	64.6	72.9	74.3	75.9	76.3	77.2	78.0
GE 3500	13.6	22.1	26.8	29.0	38.8	45.9	50.4	58.9	62.3	67.6	76.2	77.6	79.3	79.7	80.6	81.4
GE 3000	14.8	23.4	28.3	30.8	41.5	49.6	54.3	64.0	67.3	72.6	81.2	82.8	84.6	85.0	86.0	86.9
GE 2500	15.2	23.8	29.1	31.6	42.4	50.9	55.7	65.9	69.4	74.8	84.6	86.2	87.9	88.3	89.4	90.2
GE 2000	15.2	23.8	29.1	31.6	42.7	51.4	56.1	66.9	70.9	76.3	86.3	88.1	89.8	90.2	91.5	92.3
GE 1800	15.2	23.8	29.1	31.6	42.7	51.4	56.1	67.2	71.1	76.6	86.6	88.3	90.1	90.5	91.7	92.5
GE 1500	15.2	23.8	29.1	31.7	42.8	51.5	56.2	67.5	71.4	77.0	87.3	89.0	90.9	91.3	92.5	93.4
GE 1200	15.2	23.8	29.1	31.7	42.8	51.6	56.4	67.8	71.7	77.5	87.9	89.8	92.0	92.4	93.6	94.4
GE 1000	15.2	23.8	29.1	31.7	42.8	51.6	56.4	67.9	72.0	77.9	88.8	90.8	93.0	93.4	94.6	95.4
GE 900	15.2	23.8	29.1	31.7	42.8	51.6	56.4	67.9	72.0	77.9	88.8	90.8	93.1	93.8	95.0	95.8
GE 800	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.6	78.6	89.4	91.6	94.0	94.9	96.3	97.2
GE 700	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.6	78.6	89.4	91.6	94.0	94.9	96.3	97.2
GE 600	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.6	78.6	89.4	91.6	94.0	94.9	96.3	97.4
GE 500	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.8	78.7	89.6	91.7	94.2	95.1	96.7	97.8
GE 400	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.8	78.7	89.6	91.7	94.2	95.1	96.9	98.2
GE 300	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.8	78.7	89.6	91.7	94.2	95.3	97.0	98.4
GE 200	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.8	78.7	89.6	91.7	94.2	95.3	97.0	99.1
GE 100	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.8	78.7	89.6	91.7	94.2	95.3	97.0	99.3
GE 000	15.2	23.8	29.1	31.7	43.0	51.9	56.8	68.4	72.8	78.7	89.6	91.7	94.2	95.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 738

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	19.3	30.6	35.6	40.0	50.8	57.6	61.2	66.0	68.3	72.5	76.9	76.9	77.7	77.7	77.8	78.1
GE 4500	19.7	31.0	36.0	40.4	51.5	58.3	61.9	66.7	69.0	73.1	77.5	77.5	78.3	78.3	78.5	78.7
GE 4000	20.3	31.7	37.2	41.7	53.1	60.8	64.4	69.7	71.9	76.3	80.7	80.7	81.6	81.6	81.7	82.0
GE 3500	20.7	32.1	37.7	42.8	54.3	62.3	66.4	71.7	74.2	78.9	83.4	83.4	84.2	84.2	84.4	84.6
GE 3000	22.2	33.6	39.3	44.5	57.1	65.8	70.5	76.2	79.3	84.1	88.8	89.0	89.8	89.8	90.0	90.2
GE 2500	22.7	34.1	40.0	45.3	58.3	67.2	72.1	78.2	81.6	86.6	91.6	91.8	92.9	92.9	93.0	93.3
GE 2000	22.7	34.1	40.0	45.5	58.4	67.5	72.3	78.9	83.0	88.2	93.2	93.4	94.5	94.5	94.7	94.9
GE 1800	22.7	34.1	40.0	45.5	58.4	67.5	72.5	79.0	83.2	88.4	93.3	93.6	94.7	94.7	94.8	95.1
GE 1500	22.7	34.1	40.1	45.6	58.7	67.9	72.9	79.5	83.7	89.4	94.8	95.1	96.1	96.1	96.3	96.5
GE 1200	22.7	34.1	40.1	45.6	58.7	67.9	72.9	79.7	84.1	89.8	95.3	95.6	96.8	96.8	96.9	97.2
GE 1000	22.7	34.1	40.1	45.6	58.7	67.9	72.9	79.7	84.1	89.8	95.7	96.1	97.5	97.5	97.7	98.0
GE 900	22.7	34.1	40.1	45.6	58.7	67.9	72.9	79.7	84.1	89.8	95.7	96.1	97.6	97.6	97.9	98.1
GE 800	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.1	98.4	98.7
GE 700	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.1	98.4	98.7
GE 600	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.3	98.5	98.8
GE 500	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.5	99.1	99.3
GE 400	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.5	99.1	99.3
GE 300	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.5	99.1	99.3
GE 200	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.5	99.1	99.9
GE 100	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.5	99.1	100.0
GE 000	22.7	34.1	40.1	45.6	58.8	68.2	73.1	79.9	84.4	90.1	96.0	96.5	98.0	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 748

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 15-17

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	22.0	33.9	39.2	43.4	53.3	61.0	64.7	70.6	72.2	74.3	79.4	79.8	80.4	80.4	80.4	80.4
GE 4500	22.2	34.1	39.7	43.9	53.8	61.5	65.2	71.3	72.9	75.0	80.0	80.4	81.1	81.1	81.1	81.1
GE 4000	23.5	35.4	41.0	45.6	56.0	63.9	67.6	73.9	76.1	78.2	83.3	83.7	84.4	84.4	84.4	84.4
GE 3500	24.2	36.2	41.9	46.7	57.5	66.1	69.8	76.3	79.0	81.1	86.8	87.2	87.8	87.8	87.8	87.8
GE 3000	25.3	37.4	43.1	48.1	59.0	68.7	72.4	79.6	82.5	84.7	90.5	90.9	91.5	91.5	91.5	91.5
GE 2500	25.7	37.8	43.5	48.5	59.8	69.6	73.4	81.1	84.4	86.8	92.9	93.7	94.3	94.3	94.3	94.3
GE 2000	25.7	37.8	43.5	48.5	59.8	69.7	73.8	82.0	85.6	88.4	94.6	95.4	96.0	96.0	96.0	96.0
GE 1800	25.7	37.8	43.5	48.5	59.8	69.7	73.8	82.0	85.6	88.4	94.7	95.5	96.2	96.2	96.2	96.2
GE 1500	25.7	37.8	43.5	48.8	60.1	70.5	74.6	82.9	86.5	89.3	96.0	96.8	97.5	97.5	97.5	97.5
GE 1200	25.7	37.8	43.5	48.8	60.1	70.5	74.6	83.2	86.8	89.6	96.4	97.5	98.1	98.1	98.1	98.1
GE 1000	25.7	37.8	43.5	48.8	60.1	70.6	74.7	83.3	87.0	89.8	96.7	97.9	98.8	98.9	98.9	98.9
GE 900	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	96.8	98.0	98.9	99.1	99.1	99.1
GE 800	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.3	99.5	99.5	99.5
GE 700	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.3	99.5	99.5	99.5
GE 600	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.6	99.6	99.6
GE 500	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.7	99.7	99.7
GE 400	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.7	99.7	99.7
GE 300	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.7	99.7	99.7
GE 200	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.7	99.7	100.0
GE 100	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.7	99.7	100.0
GE 000	25.7	37.8	43.5	48.8	60.1	70.8	74.9	83.5	87.2	89.9	97.1	98.4	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 756

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	14.4	25.7	28.3	30.5	36.4	46.6	48.7	56.2	61.4	65.4	70.6	73.5	73.8	74.0	74.1	74.1
GE 4500	14.5	25.9	28.5	30.6	36.6	46.7	48.9	56.4	61.6	65.5	70.8	73.7	74.0	74.1	74.3	74.3
GE 4000	16.5	27.9	30.5	32.6	38.6	49.0	51.3	59.3	64.6	68.8	74.0	76.9	77.2	77.3	77.5	77.5
GE 3500	18.1	29.4	32.2	34.5	41.0	51.9	54.7	63.1	69.1	73.4	79.2	82.1	82.4	82.5	82.7	82.7
GE 3000	19.0	30.6	33.4	35.7	42.7	54.2	57.1	66.2	73.0	77.3	84.8	87.9	88.5	88.7	88.8	88.8
GE 2500	19.3	30.9	34.0	36.3	43.3	55.3	58.2	68.5	75.7	79.9	87.7	90.8	91.4	91.6	91.7	91.7
GE 2000	19.3	30.9	34.0	36.3	43.3	55.3	58.3	68.8	76.6	81.0	89.4	92.6	93.6	93.9	94.0	94.0
GE 1800	19.3	30.9	34.0	36.3	43.3	55.3	58.3	68.8	76.6	81.0	89.4	92.6	93.6	93.9	94.0	94.0
GE 1500	19.3	30.9	34.0	36.4	43.6	55.9	59.0	69.4	77.3	81.9	92.0	96.0	96.9	97.2	97.4	97.4
GE 1200	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.5	82.1	92.2	96.2	97.1	97.4	97.5	97.5
GE 1000	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.5	82.1	92.3	96.8	97.7	98.2	98.3	98.3
GE 900	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.5	82.1	92.3	96.8	97.7	98.2	98.3	98.3
GE 800	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.2	98.9	99.1	99.1
GE 700	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.2	98.9	99.1	99.1
GE 600	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.3	99.2	99.4	99.4
GE 500	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.6	99.5	99.7	99.7
GE 400	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.6	99.5	99.7	99.7
GE 300	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.6	99.5	99.7	99.7
GE 200	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.6	99.5	99.7	99.8
GE 100	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.6	99.5	99.7	100.0
GE 000	19.3	30.9	34.0	36.4	43.8	56.0	59.1	69.5	77.6	82.2	92.5	96.9	98.6	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	16.3	26.7	30.9	33.7	41.9	48.9	52.1	58.4	61.2	64.8	70.8	72.4	73.3	74.0	74.7	75.2
GE 4500	16.5	26.9	31.2	34.0	42.2	49.2	52.4	58.8	61.6	65.2	71.2	72.7	73.7	74.4	75.1	75.6
GE 4000	17.6	28.1	32.6	35.5	44.2	51.7	54.9	61.7	64.7	68.5	74.6	76.2	77.1	77.8	78.5	79.0
GE 3500	18.3	28.9	33.5	36.6	45.8	53.8	57.4	64.6	68.0	72.0	78.5	80.2	81.1	81.9	82.6	83.2
GE 3000	19.5	30.2	34.8	38.2	47.9	56.5	60.3	68.3	72.1	76.1	83.2	85.1	86.1	86.9	87.7	88.3
GE 2500	19.9	30.6	35.4	38.8	48.9	57.9	61.8	70.3	74.4	78.7	86.2	88.2	89.4	90.2	91.0	91.6
GE 2000	19.9	30.7	35.5	38.9	49.0	58.1	62.1	71.1	75.6	80.1	88.0	90.1	91.4	92.2	93.0	93.6
GE 1800	19.9	30.7	35.5	38.9	49.0	58.1	62.2	71.3	75.8	80.2	88.2	90.3	91.5	92.3	93.2	93.8
GE 1500	19.9	30.7	35.5	39.0	49.3	58.5	62.6	71.8	76.4	81.1	89.6	91.9	93.2	94.1	94.9	95.5
GE 1200	19.9	30.7	35.6	39.1	49.4	58.6	62.7	72.1	76.7	81.4	90.0	92.4	93.9	94.7	95.6	96.2
GE 1000	19.9	30.7	35.6	39.1	49.4	58.7	62.7	72.1	76.8	81.6	90.4	92.9	94.5	95.4	96.4	96.9
GE 900	19.9	30.7	35.6	39.1	49.4	58.7	62.8	72.2	76.9	81.6	90.4	93.0	94.6	95.5	96.5	97.1
GE 800	19.9	30.7	35.6	39.1	49.4	58.8	62.9	72.4	77.1	81.9	90.7	93.4	95.1	96.2	97.2	97.8
GE 700	19.9	30.7	35.6	39.1	49.4	58.8	62.9	72.4	77.1	81.9	90.7	93.4	95.1	96.2	97.4	98.0
GE 600	19.9	30.7	35.6	39.1	49.4	58.8	62.9	72.4	77.1	81.9	90.7	93.4	95.1	96.3	97.5	98.2
GE 500	19.9	30.7	35.6	39.1	49.4	58.8	63.0	72.4	77.2	82.0	90.8	93.5	95.3	96.6	98.0	98.7
GE 400	19.9	30.7	35.6	39.1	49.4	58.8	63.0	72.4	77.2	82.0	90.8	93.5	95.4	96.7	98.1	98.9
GE 300	19.9	30.7	35.6	39.1	49.4	58.8	63.0	72.4	77.2	82.0	90.8	93.5	95.4	96.7	98.1	99.0
GE 200	19.9	30.7	35.6	39.1	49.4	58.8	63.0	72.4	77.2	82.0	90.8	93.5	95.4	96.7	98.1	99.4
GE 100	19.9	30.7	35.6	39.1	49.4	58.8	63.0	72.4	77.2	82.0	90.8	93.5	95.4	96.7	98.1	99.6
GE 000	19.9	30.7	35.6	39.1	49.4	58.8	63.0	72.4	77.2	82.0	90.8	93.5	95.4	96.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3436



OPERATING LOCATION "A"  
UBAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	14.1	24.4	25.8	27.0	31.6	35.7	37.7	42.4	45.7	47.1	52.5	56.6	59.2	60.5	62.1	65.4
GE 4500	14.3	24.6	26.0	27.3	31.8	36.1	38.1	42.8	46.1	47.5	52.9	57.0	59.6	60.9	62.5	65.8
GE 4000	15.4	26.0	27.5	28.7	33.2	38.3	41.0	45.9	49.4	50.8	56.4	60.5	63.1	64.3	66.0	69.3
GE 3500	15.4	26.2	27.9	29.1	34.0	39.3	42.2	47.5	51.4	53.1	58.8	62.9	65.6	66.8	68.4	71.7
GE 3000	16.4	27.5	29.3	30.7	36.7	42.2	45.1	51.4	55.3	57.4	63.3	68.0	70.7	71.9	73.6	76.8
GE 2500	16.4	27.5	29.3	30.7	37.3	43.2	46.1	53.1	57.8	60.2	66.8	71.7	74.6	75.8	77.5	80.9
GE 2000	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.1	58.8	61.3	67.8	73.2	76.2	77.5	79.1	82.6
GE 1800	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.1	58.8	61.3	67.8	73.2	76.2	77.5	79.1	82.6
GE 1500	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	59.2	61.7	68.2	73.8	77.0	78.3	80.3	83.8
GE 1200	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	59.4	61.9	68.6	74.6	78.1	79.3	81.4	84.8
GE 1000	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	69.7	75.8	79.9	81.1	83.6	87.1
GE 900	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	69.7	75.8	79.9	81.1	83.6	87.1
GE 800	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.1	76.4	80.9	82.2	84.6	88.1
GE 700	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.3	76.6	81.1	82.4	84.8	88.3
GE 600	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.3	76.6	81.4	82.6	85.0	88.7
GE 500	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.7	77.0	82.2	84.4	87.3	91.2
GE 400	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.7	77.0	82.2	84.4	87.3	91.2
GE 300	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.7	77.0	82.2	84.4	87.3	91.4
GE 200	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.7	77.0	82.2	84.4	87.5	91.8
GE 100	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.7	77.0	82.2	84.4	87.5	94.3
E 000	16.6	27.7	29.5	30.9	37.9	43.9	46.9	54.5	60.0	62.5	70.7	77.0	82.2	84.4	87.5	100.0

TOTAL NUMBER OF OBSERVATIONS 488

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	13.5	23.4	24.6	26.3	30.2	34.5	37.0	45.9	49.1	52.8	59.6	62.6	66.1	68.0	70.3	72.3
GE 4500	13.6	23.5	25.0	26.8	30.6	34.9	37.4	46.3	49.6	53.3	60.2	63.2	66.7	68.6	70.9	72.9
GE 4000	14.1	24.0	25.7	27.5	31.5	36.1	38.9	47.9	51.2	54.9	62.1	65.1	68.6	70.6	72.8	74.9
GE 3500	14.1	24.0	26.3	28.7	32.7	37.4	40.7	50.6	54.0	57.7	65.5	68.5	72.0	74.0	76.2	78.3
GE 3000	14.1	24.0	26.5	29.4	3.4	38.3	41.7	51.9	55.3	59.2	68.2	71.2	74.7	76.6	78.8	80.9
GE 2500	14.1	24.0	26.6	29.7	33.9	38.8	42.5	52.7	56.2	60.1	69.2	72.8	76.8	78.7	81.1	83.1
GE 2000	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.1	56.7	60.5	70.3	74.3	78.7	80.9	83.3	85.4
GE 1800	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.1	56.7	60.5	70.3	74.3	78.7	80.9	83.3	85.4
GE 1500	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.3	57.4	61.4	72.2	76.2	80.6	83.1	85.8	87.9
GE 1200	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	61.7	72.6	76.9	81.5	84.5	87.3	89.3
GE 1000	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	61.8	72.9	77.4	82.4	85.7	88.5	90.5
GE 900	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	61.8	72.9	77.4	82.4	85.8	88.6	90.7
GE 800	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	83.7	87.4	90.8	92.9
GE 700	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	83.7	87.4	90.8	92.9
GE 600	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	83.9	87.7	91.1	93.6
GE 500	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	84.0	88.3	92.2	94.8
GE 400	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	84.0	88.3	92.6	95.7
GE 300	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	84.0	88.3	92.8	95.9
GE 200	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	84.0	88.3	92.9	97.0
GE 100	14.1	24.0	26.6	29.7	34.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	84.0	88.3	92.9	98.7
GE 000	14.1	24.0	26.6	29.7	31.2	39.1	42.8	53.4	57.7	62.0	73.5	78.3	84.0	88.3	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	11.9	24.8	28.6	32.2	37.2	44.6	48.4	57.4	62.5	68.1	74.2	76.7	77.5	77.7	78.0	78.3
GE 4500	11.9	24.8	28.6	32.2	37.7	45.1	48.8	57.8	63.0	68.8	75.1	77.5	78.4	78.6	78.8	79.1
GE 4000	12.5	25.4	29.3	33.0	39.0	46.5	50.4	59.4	64.6	70.4	76.8	79.3	80.1	80.3	80.6	80.9
GE 3500	12.8	25.7	30.0	33.9	39.9	47.5	51.4	60.9	66.4	72.6	79.1	81.6	82.5	82.6	82.9	83.2
GE 3000	13.3	26.2	30.6	34.5	40.4	48.7	52.8	62.8	68.3	74.9	82.6	85.1	85.9	86.2	86.5	86.8
GE 2500	13.3	26.2	30.6	34.6	40.9	49.1	53.5	63.6	69.3	75.9	83.9	86.7	87.8	88.1	88.4	88.7
GE 2000	13.3	26.2	30.6	34.6	41.0	49.9	54.2	64.6	70.3	77.0	85.7	88.6	90.0	90.4	90.7	91.0
GE 1800	13.3	26.2	30.6	34.6	41.0	49.9	54.2	64.6	70.3	77.0	85.7	88.7	90.1	90.6	90.9	91.2
GE 1500	13.3	26.2	30.6	34.6	41.0	49.9	54.2	64.9	70.7	78.0	87.0	90.4	91.9	92.5	92.8	93.0
GE 1200	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	70.9	78.1	87.1	90.6	92.6	93.3	93.6	93.9
GE 1000	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	87.7	91.3	93.3	94.2	94.5	94.8
GE 900	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	87.7	91.3	93.3	94.2	94.5	94.8
GE 800	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.0	91.7	94.3	95.4	95.7	95.9
GE 700	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.0	91.7	94.3	95.4	95.7	95.9
GE 600	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.0	91.7	94.3	95.7	96.4	96.7
GE 500	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.1	91.9	94.5	96.2	97.2	97.7
GE 400	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.1	91.9	94.5	96.2	98.0	98.6
GE 300	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.1	91.9	94.5	96.2	98.1	98.7
GE 200	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.1	91.9	94.5	96.2	98.3	99.4
GE 100	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.1	91.9	94.5	96.2	98.3	99.9
GE 000	13.3	26.2	30.6	34.6	41.0	49.9	54.2	65.1	71.2	78.4	88.1	91.9	94.5	96.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS														
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000	12.1	26.4	29.4	32.4	37.8	44.9	49.1	56.6	61.6	64.9	72.5	74.3	76.0	76.8	77.1
GE 4500	12.6	26.8	30.0	32.9	38.6	45.7	49.9	57.5	62.5	65.7	73.4	75.2	76.8	77.7	78.0
GE 4000	13.2	27.5	31.0	34.3	40.4	47.6	52.0	59.6	64.6	67.9	76.2	78.0	79.6	80.5	80.8
GE 3500	13.4	7.8	31.2	34.7	41.0	48.1	52.7	60.4	65.6	69.5	78.1	79.9	81.6	82.4	82.7
GE 3000	14.1	28.5	32.1	35.6	42.4	49.8	54.4	62.3	67.8	72.5	82.0	84.1	85.8	86.6	86.9
GE 2500	14.1	28.5	32.1	35.7	42.8	50.3	55.1	63.0	68.6	73.5	83.4	85.5	87.7	88.6	88.8
GE 2000	14.1	28.5	32.1	35.7	42.8	50.6	55.5	63.9	69.5	74.5	84.9	87.0	89.3	90.1	90.4
GE 1800	14.1	28.5	32.1	35.7	42.8	50.6	55.5	63.9	69.5	74.5	85.2	87.4	89.7	90.5	90.8
GE 1500	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.2	69.9	75.2	86.1	88.3	90.8	91.8	92.1
GE 1200	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.3	86.6	88.8	91.8	92.7	93.0
GE 1000	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.3	87.3	89.8	93.0	94.1	94.4
GE 900	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.3	87.3	89.8	93.0	94.1	94.4
GE 800	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.0	95.4	95.8
GE 700	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.0	95.4	96.0
GE 600	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.0	95.5	96.4
GE 500	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.1	96.0	97.6
GE 400	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3
GE 300	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3
GE 200	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3
GE 100	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3
GE 000	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	12.1	26.4	29.4	32.4	37.8	44.9	49.1	56.6	61.6	64.9	72.5	74.3	76.0	76.8	77.1	77.4
GE 4500	12.6	26.8	30.0	32.9	38.6	45.7	49.9	57.5	62.5	65.7	73.4	75.2	76.8	77.7	78.0	78.2
GE 4000	13.2	27.5	31.0	34.3	40.4	47.6	52.0	59.6	64.6	67.9	76.2	78.0	79.6	80.5	80.8	81.0
GE 3500	13.4	7.8	31.2	34.7	41.0	48.1	52.7	60.4	65.6	69.5	78.1	79.9	81.6	82.4	82.7	83.0
GE 3000	14.1	28.5	32.1	35.6	42.4	49.8	54.4	62.3	67.8	72.5	82.0	84.1	85.8	86.6	86.9	87.2
GE 2500	14.1	28.5	32.1	35.7	42.8	50.3	55.1	63.0	68.6	73.5	83.4	85.5	87.7	88.6	88.8	89.1
GE 2000	14.1	28.5	32.1	35.7	42.8	50.6	55.5	63.9	69.5	74.5	84.9	87.0	89.3	90.1	90.4	90.7
GE 1800	14.1	28.5	32.1	35.7	42.8	50.6	55.5	63.9	69.5	74.5	85.2	87.4	89.7	90.5	90.8	91.1
GE 1500	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.2	69.9	75.2	86.1	88.3	90.8	91.8	92.1	92.3
GE 1200	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.3	86.6	88.8	91.8	92.7	93.0	93.3
GE 1000	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.3	87.3	89.8	93.0	94.1	94.4	94.7
GE 900	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.3	87.3	89.8	93.0	94.1	94.4	94.7
GE 800	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.0	95.4	95.8	96.1
GE 700	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.0	95.4	96.0	96.2
GE 600	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.0	95.5	96.4	96.7
GE 500	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.1	96.0	97.6	98.0
GE 400	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3	98.7
GE 300	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3	98.7
GE 200	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3	98.7
GE 100	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3	99.6
GE 000	14.1	28.5	32.1	35.7	42.8	50.8	55.6	64.3	70.0	75.5	87.4	90.0	94.3	96.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
UBAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 18-20

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	7.4	20.3	21.6	22.6	26.6	32.1	33.4	41.5	49.0	51.6	62.6	66.6	70.5	72.5	73.4	74.1
GE 4500	7.4	20.3	21.6	22.6	26.6	32.1	33.4	41.5	49.0	51.6	62.6	66.6	70.5	72.5	73.4	74.1
GE 4000	8.2	21.3	22.6	23.9	28.5	34.1	35.4	43.4	51.0	53.6	64.6	68.5	72.5	74.4	75.4	76.1
GE 3500	9.0	22.6	24.4	25.9	30.5	36.6	37.9	46.2	54.1	57.0	68.5	72.6	76.6	78.5	79.5	80.2
GE 3000	9.3	23.0	24.8	26.4	31.3	37.5	38.9	47.7	56.2	59.5	71.8	76.1	80.2	82.3	83.3	83.9
GE 2500	9.3	23.0	25.2	26.9	32.0	38.7	40.2	49.7	58.4	61.6	74.6	79.3	83.8	85.9	86.9	87.5
GE 2000	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.3	59.2	62.5	76.7	81.8	86.6	88.7	89.7	90.3
GE 1800	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.3	59.2	62.5	76.7	82.0	86.7	88.9	89.8	90.5
GE 1500	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.3	59.5	62.8	77.5	83.0	87.9	90.0	91.0	91.6
GE 1200	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	77.7	83.3	88.4	90.5	91.5	92.1
GE 1000	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.4	84.3	90.0	92.3	93.3	93.9
GE 900	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.4	84.3	90.0	92.3	93.3	93.9
GE 800	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.1	93.8	94.8	95.4
GE 700	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.1	93.8	94.8	95.4
GE 600	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.1	93.8	94.8	95.7
GE 500	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.3	94.4	95.9	97.2
GE 400	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.3	94.4	95.9	97.2
GE 300	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.3	94.4	96.2	97.5
GE 200	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.3	94.6	96.4	98.2
GE 100	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.3	94.6	96.4	98.5
GE 000	9.3	23.0	25.2	26.9	32.3	39.2	40.8	50.5	59.7	63.0	78.7	84.6	91.3	94.6	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	11.8	23.9	26.2	28.4	32.9	38.8	41.6	49.4	54.3	57.7	65.2	68.1	70.6	71.8	72.8	74.0
GE 4500	11.9	24.1	26.4	28.6	33.4	39.2	42.1	49.9	54.8	58.3	65.7	68.7	71.2	72.4	73.4	74.6
GE 4000	12.6	24.9	27.3	29.7	34.8	40.9	44.0	51.9	56.8	60.3	68.1	71.0	73.5	74.7	75.7	76.9
GE 3500	12.9	25.3	28.1	30.7	35.9	42.2	45.4	53.7	58.9	62.7	70.9	73.8	76.3	77.5	78.6	79.8
GE 3000	13.4	25.8	28.7	31.5	37.1	43.6	46.9	55.7	61.1	65.4	74.4	77.6	80.1	81.3	82.4	83.6
GE 2500	13.4	25.8	28.9	31.8	37.6	44.3	47.8	56.9	62.5	66.9	76.3	79.8	82.6	83.9	85.0	86.2
GE 2000	13.4	25.8	28.9	31.8	37.8	44.8	48.4	57.7	63.3	67.7	77.8	81.5	84.7	86.0	87.1	88.3
GE 1800	13.4	25.8	28.9	31.8	37.8	44.8	48.4	57.7	63.3	67.7	77.8	81.7	84.8	86.2	87.2	88.5
GE 1500	13.4	25.8	28.9	31.8	37.8	44.8	48.4	57.9	63.8	68.4	78.9	82.9	86.2	87.7	88.9	90.1
GE 1200	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.0	68.6	79.3	83.4	87.0	88.6	89.8	91.1
GE 1000	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	79.9	84.3	88.2	90.0	91.3	92.5
GE 900	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	79.9	84.3	88.2	90.0	91.3	92.5
GE 800	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.3	84.8	89.3	91.4	92.8	94.0
GE 700	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.3	84.8	89.4	91.4	92.9	94.1
GE 600	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.3	84.8	89.4	91.6	93.2	94.6
GE 500	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.4	84.9	89.7	92.3	94.5	96.1
GE 400	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.4	84.9	89.7	92.4	94.9	96.6
GE 300	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.4	84.9	89.7	92.4	95.0	96.8
GE 200	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.4	84.9	89.7	92.5	95.1	97.4
GE 100	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.4	84.9	89.7	92.5	95.1	98.4
GE 000	13.4	25.8	28.9	31.8	37.8	44.8	48.4	58.0	64.1	68.8	80.4	84.9	89.7	92.5	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3181

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 06-08

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	18.1	31.3	33.7	35.7	41.0	47.6	48.8	53.0	54.8	55.4	60.0	61.8	63.3	64.3	65.1	68.1
GE 4500	18.1	31.3	33.7	35.7	41.2	47.8	49.0	53.2	55.0	55.6	60.2	62.0	63.5	64.5	65.3	68.3
GE 4000	18.9	32.1	34.7	36.7	42.2	49.8	51.0	55.6	57.4	58.0	62.5	64.3	65.9	66.9	67.7	70.7
GE 3500	19.5	32.7	35.7	37.6	43.2	51.2	52.4	57.0	59.2	59.8	64.7	66.5	68.1	69.1	69.9	72.9
GE 3000	20.1	33.5	36.5	38.4	44.4	52.8	54.4	60.2	62.4	62.9	68.3	70.3	72.1	73.1	73.9	76.9
GE 2500	20.3	33.7	36.9	38.8	45.0	53.4	55.2	61.2	63.7	64.5	70.5	72.5	74.3	75.3	76.3	79.3
GE 2000	20.3	33.7	37.1	39.0	45.2	53.6	55.4	61.8	64.5	65.5	72.5	74.5	76.3	77.3	78.5	81.5
GE 1800	20.3	33.7	37.1	39.0	45.2	53.6	55.4	61.8	64.5	65.5	72.5	74.5	76.3	77.3	78.5	81.5
GE 1500	20.3	33.7	37.1	39.0	45.2	53.6	55.4	61.8	64.9	65.9	74.1	76.1	78.1	79.1	80.3	83.3
GE 1200	20.3	33.7	37.1	39.0	45.2	53.6	55.4	61.8	64.9	65.9	74.3	76.3	78.3	79.3	80.5	83.5
GE 1000	20.3	33.7	37.1	39.0	45.2	53.6	55.4	61.8	65.1	66.1	75.3	77.5	80.1	81.5	82.7	85.9
GE 900	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.5	77.7	80.3	81.7	82.9	86.1
GE 800	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.3	83.7	87.1
GE 700	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.3	83.7	87.3
GE 600	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.3	83.7	87.5
GE 500	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.5	84.1	88.2
GE 400	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.5	84.1	88.6
GE 300	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.5	84.1	88.8
GE 200	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.5	84.1	90.2
GE 100	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.5	84.1	93.4
GE 000	20.3	33.7	37.1	39.0	45.4	53.8	55.6	62.0	65.3	66.3	75.9	78.3	80.9	82.5	84.1	100.0

TOTAL NUMBER OF OBSERVATIONS 502



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	15.4	26.5	29.2	30.5	35.7	40.3	42.1	48.5	51.3	52.2	57.7	60.3	61.9	63.8	65.2	68.0
GE 4500	15.6	26.7	29.4	30.6	35.8	40.4	42.3	48.6	51.4	52.4	57.9	60.4	62.1	63.9	65.3	68.1
GE 4000	16.3	27.5	30.8	32.3	37.5	42.1	44.1	50.4	53.2	54.5	60.1	62.6	64.3	66.2	67.6	70.4
GE 3500	17.0	28.4	31.6	33.4	38.6	43.3	45.4	52.7	55.6	56.9	62.5	65.0	66.7	68.5	69.9	72.9
GE 3000	17.4	28.8	32.2	34.3	39.6	44.5	46.6	54.4	57.3	58.7	64.9	67.4	69.1	71.1	72.5	75.4
GE 2500	17.7	29.1	32.4	34.6	40.3	45.4	47.6	56.2	59.3	61.0	67.6	70.5	72.6	74.7	76.1	79.1
GE 2000	17.7	29.1	32.4	34.6	40.4	45.5	47.8	56.9	60.1	61.9	69.4	72.5	74.6	77.1	78.5	81.5
GE 1800	17.7	29.1	32.4	34.6	40.4	45.5	47.8	56.9	60.1	61.9	69.5	72.6	74.7	77.2	78.7	81.6
GE 1500	17.7	29.1	32.4	34.6	40.4	45.5	47.8	57.2	60.4	62.4	70.4	73.9	76.3	79.2	80.6	83.7
GE 1200	17.7	29.1	32.4	34.6	40.4	45.6	47.9	57.3	60.7	62.6	70.9	74.6	77.2	80.2	81.6	85.0
GE 1000	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	75.8	78.8	81.9	83.4	86.8
GE 900	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	78.9	82.0	83.6	86.9
GE 800	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	78.9	83.0	85.0	88.5
GE 700	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	78.9	83.0	85.0	88.5
GE 600	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	79.1	83.1	85.4	88.9
GE 500	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	79.1	83.1	85.7	89.9
GE 400	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	79.1	83.1	85.8	90.4
GE 300	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	79.1	83.1	85.8	91.6
GE 200	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	79.1	83.1	85.8	93.5
GE 100	17.7	29.1	32.4	34.6	40.4	45.6	48.0	57.4	60.8	63.2	72.1	76.0	79.1	83.1	85.8	95.6
GE 000	17.7	29.1	32.6	34.7	40.6	45.8	48.2	57.6	61.0	63.3	72.2	76.1	79.2	83.3	86.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	16.7	26.6	29.0	30.2	37.0	44.4	48.0	56.1	59.0	61.3	69.1	70.4	71.7	73.2	74.2	76.3
GE 4500	16.7	26.6	29.0	30.2	37.0	44.4	48.0	56.1	59.0	61.3	69.3	70.6	71.9	73.4	74.4	76.4
GE 4000	17.1	27.1	29.7	30.9	37.9	45.2	48.9	57.0	59.9	62.2	70.3	71.6	72.9	74.4	75.4	77.5
GE 3500	17.6	27.5	30.3	31.8	39.4	46.7	50.5	59.3	62.2	64.6	72.6	74.2	75.5	77.2	78.3	80.4
GE 3000	18.3	28.3	31.0	32.8	40.8	48.6	52.6	61.5	64.7	67.2	75.5	77.2	78.5	80.1	81.3	83.3
GE 2500	18.3	28.3	31.0	32.9	41.0	49.2	53.3	63.4	66.8	69.5	78.8	80.4	81.7	83.6	84.8	86.8
GE 2000	18.3	28.3	31.0	32.9	41.0	49.3	53.4	63.7	67.5	70.9	80.7	82.3	83.7	85.8	87.0	89.0
GE 1800	18.3	28.3	31.0	32.9	41.0	49.3	53.4	63.7	67.5	70.9	80.7	82.3	83.7	85.8	87.0	89.0
GE 1500	18.4	28.4	31.2	33.2	41.3	49.6	53.7	64.1	67.9	71.3	81.8	83.9	85.7	88.0	89.2	91.4
GE 1200	18.4	28.4	31.2	33.2	41.3	49.6	53.7	64.1	68.1	71.6	82.3	84.3	86.1	88.4	89.6	92.1
GE 1000	18.4	28.4	31.2	33.2	41.3	49.6	53.7	64.1	68.4	72.0	82.9	85.1	87.3	89.9	91.1	93.7
GE 900	18.4	28.4	31.2	33.2	41.3	49.6	53.7	64.1	68.4	72.0	82.9	85.2	87.4	90.0	91.2	93.9
GE 800	18.4	28.4	31.2	33.2	41.3	49.6	53.7	64.1	68.4	72.0	82.9	85.2	87.6	90.6	92.7	95.5
GE 700	18.4	28.4	31.2	33.2	41.3	49.6	53.7	64.1	68.4	72.0	82.9	85.2	87.6	90.6	92.7	95.5
GE 600	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	87.8	90.9	93.4	96.2
GE 500	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	88.0	91.2	94.0	96.9
GE 400	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	88.0	91.4	94.6	97.7
GE 300	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	88.0	91.4	94.6	98.0
GE 200	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	88.0	91.4	94.9	99.1
GE 100	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	88.0	91.4	94.9	99.4
GE 000	18.4	28.4	31.3	33.4	41.4	49.8	53.9	64.3	68.5	72.2	83.0	85.5	88.0	91.4	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	17.6	27.5	30.7	32.7	40.8	47.3	51.0	56.2	58.6	61.0	66.9	68.7	70.7	71.9	73.2	74.9
GE 4500	17.9	27.8	31.0	33.0	41.1	47.7	51.4	56.6	59.1	61.4	67.4	69.6	71.6	72.8	74.1	75.8
GE 4000	18.0	28.0	31.6	33.7	41.9	48.6	52.3	57.5	59.9	62.4	68.7	70.9	73.1	74.2	75.5	77.2
GE 3500	18.4	28.4	32.1	34.4	42.9	49.6	53.5	58.6	61.4	63.8	70.2	72.3	74.5	75.8	77.1	78.8
GE 3000	18.6	28.8	32.9	35.4	44.2	51.2	55.3	61.1	64.0	66.6	73.2	75.5	77.8	79.1	80.4	82.1
GE 2500	18.7	29.0	33.1	36.0	45.2	52.3	56.5	62.4	65.7	68.9	75.9	78.2	80.8	82.3	83.6	85.3
GE 2000	18.7	29.0	33.1	36.0	45.7	52.7	57.1	63.0	66.3	70.2	77.2	79.5	82.1	83.6	84.9	86.6
GE 1800	18.7	29.0	33.1	36.0	45.7	52.7	57.1	63.3	66.6	70.5	77.5	79.8	82.4	83.9	85.2	86.9
GE 1500	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.7	78.7	81.4	84.1	85.7	87.2	88.9
GE 1200	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.7	79.1	81.8	85.3	87.0	88.5	90.2
GE 1000	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.7	79.3	82.0	85.9	88.2	89.6	91.5
GE 900	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.7	79.3	82.0	85.9	88.2	89.6	91.5
GE 800	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	86.6	89.2	91.1	93.1
GE 700	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	86.6	89.2	91.1	93.1
GE 600	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	90.3	92.4	94.8
GE 500	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	90.8	93.2	95.8
GE 400	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	91.2	93.7	96.4
GE 300	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	91.2	93.8	97.0
GE 200	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	91.2	93.9	97.4
GE 100	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	91.2	93.9	98.3
GE 000	18.7	29.0	33.1	36.2	45.8	52.9	57.2	63.5	66.9	70.9	79.4	82.3	87.0	91.2	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 694

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	11.8	22.1	23.6	24.9	32.2	37.9	39.4	46.0	51.2	53.0	60.5	63.8	66.4	67.4	68.3	69.6
GE 4500	11.8	22.1	23.6	24.9	32.2	37.9	39.4	46.0	51.2	53.0	60.5	63.8	66.4	67.4	68.3	69.6
GE 4000	12.0	22.3	23.8	25.2	32.9	38.5	40.0	46.7	51.8	53.7	61.1	64.5	67.3	68.3	69.1	70.4
GE 3500	12.5	22.8	24.8	26.2	34.4	40.5	42.0	48.8	54.0	55.8	63.3	66.6	69.4	70.4	71.3	72.6
GE 3000	12.8	23.1	25.1	27.1	35.5	42.0	43.7	51.7	57.3	59.3	67.1	70.4	73.6	74.6	75.4	76.7
GE 2500	12.8	23.1	25.2	27.2	36.0	43.0	44.7	53.3	59.1	61.6	70.6	74.1	77.6	78.6	79.4	80.7
GE 2000	12.8	23.1	25.2	27.2	36.0	43.0	44.7	53.5	59.5	62.1	71.8	75.2	78.7	79.7	80.6	81.9
GE 1800	12.8	23.1	25.2	27.2	36.0	43.0	44.7	53.5	59.5	62.1	71.8	75.2	78.7	79.7	80.6	81.9
GE 1500	12.8	23.1	25.2	27.2	36.0	43.0	44.7	53.5	59.5	62.1	72.9	76.4	80.2	81.6	82.6	83.9
GE 1200	12.8	23.1	25.2	27.2	36.0	43.0	44.7	53.5	59.5	62.1	73.6	77.1	81.1	82.6	83.6	84.9
GE 1000	12.8	23.1	25.2	27.2	36.0	43.2	44.9	53.7	59.6	62.3	73.9	77.9	82.6	84.2	85.2	86.5
GE 900	12.8	23.1	25.2	27.2	36.0	43.2	44.9	53.7	59.6	62.3	73.9	78.1	82.7	84.4	85.4	86.7
GE 800	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.1	86.2	87.5	88.9
GE 700	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.1	86.2	87.5	88.9
GE 600	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.1	86.4	86.2	89.5
GE 500	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.1	86.4	88.4	90.0
GE 400	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.4	86.7	89.0	91.
GE 300	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.4	86.7	89.0	91.4
GE 200	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.4	86.7	89.2	92.9
GE 100	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.4	86.7	89.2	93.4
GE 000	12.8	23.1	25.2	27.4	36.2	43.4	45.0	53.8	60.0	62.6	74.3	78.7	84.4	86.7	89.2	100.0

TOTAL NUMBER OF OBSERVATIONS 602

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

CEILING		VISIBILITY IN METERS													
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000	15.9	26.7	29.1	30.7	37.3	43.4	45.9	52.0	55.1	56.7	63.0	65.2	67.0	68.3	69.4
GE 4500	16.0	26.8	29.2	30.8	37.4	43.5	46.0	52.2	55.2	56.9	63.2	65.5	67.3	68.6	69.7
GE 4000	16.4	27.2	30.0	31.7	38.4	44.7	47.2	53.5	56.5	58.3	64.7	67.0	68.9	70.2	71.3
GE 3500	17.0	27.8	30.8	32.6	39.6	46.1	48.7	55.3	58.5	60.3	66.8	69.1	71.0	72.4	73.5
GE 3000	17.4	28.3	31.4	33.5	40.9	47.7	50.5	57.8	61.1	63.0	69.9	72.3	74.3	75.7	76.9
GE 2500	17.5	28.5	31.6	33.8	41.5	48.5	51.4	59.3	63.0	65.2	72.8	75.3	77.5	79.1	80.2
GE 2000	17.5	28.5	31.7	33.9	41.6	48.7	51.6	59.8	63.6	66.2	74.4	76.9	79.2	80.9	82.1
GE 1800	17.5	28.5	31.7	33.9	41.6	48.7	51.6	59.8	63.7	66.3	74.5	77.0	79.3	81.0	82.2
GE 1500	17.6	28.5	31.7	33.9	41.7	48.8	51.7	60.1	64.0	66.6	75.7	78.5	81.0	82.9	84.2
GE 1200	17.6	28.5	31.7	33.9	41.7	48.8	51.7	60.1	64.0	66.7	76.2	79.0	81.8	83.7	85.0
GE 1000	17.6	28.5	31.7	33.9	41.7	48.9	51.8	60.2	64.2	67.0	76.8	79.8	83.1	85.3	86.6
GE 900	17.6	28.5	31.7	33.9	41.7	48.9	51.8	60.2	64.2	67.1	76.8	79.9	83.2	85.5	86.8
GE 800	17.6	28.5	31.7	34.0	41.8	48.9	51.9	60.2	64.3	67.1	77.0	80.2	83.7	86.5	88.2
GE 700	17.6	28.5	31.7	34.0	41.8	48.9	51.9	60.2	64.3	67.1	77.0	80.2	83.7	86.5	88.2
GE 600	17.6	28.5	31.7	34.0	41.8	49.0	51.9	60.3	64.3	67.2	77.0	80.3	83.9	86.8	88.9
GE 500	17.6	28.5	31.7	34.0	41.8	49.0	51.9	60.3	64.3	67.2	77.0	80.3	83.9	87.0	89.4
GE 400	17.6	28.5	31.7	34.0	41.8	49.0	51.9	60.3	64.3	67.2	77.0	80.3	84.0	87.2	89.7
GE 300	17.6	28.5	31.7	34.0	41.8	49.0	51.9	60.3	64.3	67.2	77.0	80.3	84.0	87.2	89.8
GE 200	17.6	28.5	31.7	34.0	41.8	49.0	51.9	60.3	64.3	67.2	77.0	80.3	84.0	87.2	89.9
GE 100	17.6	28.5	31.7	34.0	41.8	49.0	51.9	60.3	64.3	67.2	77.0	80.3	84.0	87.2	89.9
GE 000	17.6	28.5	31.8	34.0	41.8	49.0	51.9	60.3	64.4	67.2	77.0	80.3	84.0	87.3	89.9 1

TOTAL NUMBER OF OBSERVATIONS 3193

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	19.3	30.2	34.9	37.6	45.8	52.7	56.1	62.6	65.5	68.0	72.8	74.0	75.1	75.8	76.2	76.8
GE 4500	19.6	30.5	35.3	38.0	46.1	53.1	56.5	63.1	65.9	68.4	73.2	74.5	75.6	76.2	76.6	77.3
GE 4000	20.7	31.7	36.7	39.6	48.1	55.4	58.9	65.7	68.7	71.4	76.3	77.6	78.7	79.3	79.7	80.4
GE 3500	21.6	32.7	38.0	41.1	50.0	57.7	61.3	68.6	71.7	74.5	79.6	80.9	82.0	82.7	83.1	83.8
GE 3000	22.5	33.7	39.7	42.5	51.9	60.0	63.8	71.6	75.0	78.0	83.5	85.0	86.1	86.8	87.3	87.9
GE 2500	22.9	34.2	39.9	43.2	53.1	61.6	65.6	73.8	77.3	80.6	86.6	88.1	89.4	90.1	90.6	91.3
GE 2000	23.1	34.4	40.2	43.6	53.5	62.2	66.3	74.8	78.5	81.8	88.1	89.8	91.2	92.0	92.5	93.1
GE 1800	23.1	34.4	40.2	43.6	53.5	62.2	66.3	74.8	78.6	81.9	88.3	89.9	91.3	92.1	92.6	93.3
GE 1500	23.1	34.5	40.2	43.7	53.7	62.4	66.5	75.1	79.0	82.4	89.1	91.0	92.4	93.3	93.8	94.5
GE 1200	23.1	34.5	40.3	43.7	53.7	62.5	66.6	75.3	79.1	82.6	89.5	91.4	92.9	93.8	94.4	95.1
GE 1000	23.1	34.5	40.3	43.7	53.7	62.5	66.6	75.3	79.2	82.8	89.9	91.9	93.7	94.7	95.4	96.1
GE 900	23.1	34.5	40.3	43.7	53.7	62.5	66.6	75.3	79.3	82.8	89.9	92.0	93.7	94.8	95.4	96.2
GE 800	23.1	34.5	40.3	43.7	53.7	62.5	66.6	75.4	79.3	82.9	90.1	92.3	94.2	95.4	96.2	97.0
GE 700	23.1	34.5	40.3	43.7	53.7	62.5	66.6	75.4	79.3	82.9	90.1	92.3	94.2	95.5	96.2	97.0
GE 600	23.1	34.5	40.3	43.7	53.7	62.5	66.7	75.4	79.4	82.9	90.2	92.3	94.3	95.6	96.4	97.3
GE 500	23.1	34.5	40.3	43.7	53.8	62.5	66.7	75.4	79.4	83.0	90.2	92.3	94.4	95.8	96.8	97.8
GE 400	23.1	34.5	40.3	43.7	53.8	62.5	66.7	75.4	79.4	83.0	90.2	92.3	94.4	95.9	97.0	98.0
GE 300	23.1	34.5	40.3	43.7	53.8	62.6	66.7	75.4	79.4	83.0	90.2	92.4	94.4	95.9	97.0	98.1
GE 200	23.1	34.5	40.3	43.7	53.8	62.6	66.7	75.4	79.4	83.0	90.2	92.4	94.4	95.9	97.0	98.5
GE 100	23.1	34.5	40.3	43.7	53.8	62.6	66.7	75.5	79.4	83.0	90.2	92.4	94.4	95.9	97.0	98.8
GE 000	23.1	34.5	40.3	43.7	53.8	62.6	66.7	75.5	79.4	83.0	90.2	92.4	94.4	95.9	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 37931

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.



SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							1.9	1.6					.3
GE 90						2.7	16.1	14.4	.9				3.0
GE 85					1.4	19.2	41.8	30.8	3.6				8.4
GE 80				.2	15.2	46.6	76.9	63.0	26.5	1.0			19.7
GE 75			.4	2.7	38.2	76.5	93.8	89.7	64.6	5.9			31.6
GE 70			.9	14.2	62.3	91.6	99.1	97.4	87.2	25.9			40.3
GE 65			5.0	31.9	78.0	96.6	99.8	99.4	95.5	46.0	1.8		46.4
GE 60		1.4	18.6	66.0	94.4	99.8	100.0	100.0	99.3	76.8	12.2	.5	55.8
GE 55	2.3	12.6	51.1	87.7	99.3	100.0			100.0	93.4	39.4	4.9	66.0
GE 50	17.6	38.0	80.7	97.9	100.0					99.5	72.8	21.3	77.4
GE 45	51.6	73.0	95.5	100.0						100.0	93.4	61.0	89.5
GE 40	72.5	88.3	98.5								99.3	82.2	95.0
GE 35	93.1	97.7	99.8								100.0	95.6	98.8
GE 33	95.6	99.3	100.0									98.8	99.5
GE 30	98.5	100.0										99.8	99.9
GE 25	100.0											100.0	100.0
MEAN	43.5	47.3	54.6	62.3	71.5	78.7	83.6	81.8	75.9	64.6	52.8	45.0	63.6
SD	5.93	6.08	6.39	6.38	7.35	6.59	5.59	6.06	5.78	6.32	5.96	5.56	15.50
TOTAL OBS	477	437	462	473	427	442	467	494	446	409	452	428	5414

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.2						.0
GE 80							.6	.2					.1
GE 75						.2	1.5	.4					.2
GE 70						1.6	12.6	7.3	.7				1.9
GE 65					.7	12.2	43.0	29.1	3.6	.2			7.7
GE 60					10.7	51.1	80.9	72.5	29.6	2.7			21.3
GE 55				1.5	35.3	86.2	97.4	93.3	68.6	16.4			33.8
GE 50			2.4	18.2	78.0	98.2	100.0	99.8	90.6	42.8	5.5	.2	44.9
GE 45	2.7	3.7	19.5	51.6	95.6	100.0		100.0	98.9	69.4	21.9	4.2	55.7
GE 40	9.6	14.2	44.4	80.3	98.1				100.0	82.9	36.7	12.8	65.0
GE 35	26.4	33.6	71.6	98.1	100.0					95.6	60.6	29.4	76.4
GE 33	35.6	40.3	78.4	99.2						98.0	68.4	35.2	79.7
GE 30	52.8	62.2	92.4	100.0						100.0	83.4	58.3	87.5
GE 25	82.2	91.8	98.9								97.1	88.3	96.5
GE 20	93.1	98.9	100.0								99.8	96.7	99.0
GE 15	97.7	99.5									100.0	100.0	99.8
GE 10	99.2	100.0											99.9
GE 5	99.6												100.0
GE 0	99.8												100.0
GE -5	100.0												100.0
MEAN	30.2	32.2	38.3	44.3	52.8	59.8	64.1	62.5	56.9	47.2	37.1	31.3	46.5
SD	7.32	6.38	6.10	4.99	5.46	4.86	4.91	4.84	5.28	7.06	7.38	6.73	13.58
TOTAL OBS	477	437	462	473	428	442	467	494	446	409	452	429	5416

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: 7301-8812

LST TO UTC: -01

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							1.3						.1
GE 80						.7	11.1	9.1					1.8
GE 75					1.2	18.6	48.4	33.8	3.4				9.1
GE 70					11.0	52.9	82.9	70.0	27.8	.5			21.1
GE 65					34.9	81.7	98.1	95.5	68.6	6.9			32.8
GE 60			.4	9.5	64.4	97.7	100.0	100.0	92.6	27.5	.2		41.4
GE 55			5.8	43.3	93.9	100.0			98.9	63.4	5.5		51.0
GE 50	.6	2.3	27.9	78.6	99.1				100.0	87.7	23.2	2.1	60.2
GE 45	8.2	20.1	72.3	98.9	100.0					98.3	55.1	12.4	72.2
GE 40	33.3	52.9	92.2	100.0						100.0	82.5	40.0	83.4
GE 35	69.8	85.1	98.3								98.0	78.0	94.1
GE 33	79.2	93.1	99.1								99.1	86.4	96.4
GE 30	93.3	98.6	100.0								100.0	96.3	99.0
GE 25	97.5	99.5										100.0	99.7
GE 20	98.7	100.0											99.9
GE 15	99.8												100.0
GE 10	100.0												100.0
MEAN	37.1	40.0	46.7	53.6	62.4	69.5	74.0	72.4	66.6	56.2	45.2	38.4	55.3
SD	5.66	5.12	5.05	4.49	5.52	5.02	4.66	4.85	4.67	5.65	5.56	5.23	14.14
TOTAL OBS	477	437	462	473	427	442	467	494	446	407	452	428	5412

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	55	59	68	70	82	88	90	90	91	75	61	55	91
74	57	59	72	77	84	86	93	95	84	63	59	57	95
75	57	59	63	79	88	90	93	90	86	81	66	54	93
76	52	63	70	75	84	91	93	81	75	77	66	55	93
77	52	61	77	72	81	88	88	88	86	73	66	57	88
78	54	57	66	68	81	86	88	90	81	77	63	50	90
79	50	55	61	70	88	91	90	91	84	73	61	61	91
80	54	63	63	66	77	88	90	91	82	81	59	55	91
81	57	59	68	81	84	91	88	91	84	75	64	54	91
82	55	55	66	72	84	91	91	90	86	75	68	57	91
83	55	57	66	73	81	90	99	95	86	77	66	64	99
84	52	55	63	75	73	86	95	88	81	73	68	57	95
85	48	55	59*	70	86*	88	93*	93	90	70*	64	*	93*
86	52	54	66	72	*	*	90*	93	82	*	61*	*	93*
87	48*	55*	54*	73	*	88	93	88	82*	54*	63	54	93*
88	57	57*	66	75	82	84*	95	95	81*	81*	57*	59	95*
.....													
GREATEST	57	63	77	81	88	91	99	95	91	81	68	64	99
.....													
TOTAL OBS	477	437	462	473	427	442	467	494	446	409	452	428	5414
.....													

THE GREATEST VALUE OF 99 OCCURRED ON 07/27/83

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION ''  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	25	25	21	32	45	54	55	59	45	30	23	16	16
74	28	28	30	37	46	46	54	54	43	30	27	21	21
75	23	25	28	37	45	50	57	57	54	37	21	23	21
76	18	23	23	34	37	46	55	54	46	36	28	19	18
77	23	27	28	34	43	52	54	54	43	39	25	21	21
78	21	25	30	32	39	48	52	48	45	36	25	19	19
79	14	25	32	36	36	50	55	52	48	34	28	28	14
80	16	14	28	34	45	48	52	54	50	36	28	19	14
81	12	21	30	36	39	50	54	52	48	36	23	23	12
82	23	21	28	37	39	50	59	52	55	41	30	23	21
83	21	19	28	36	46	50	59	55	46	32	23	19	19
84	19	21	28	37	36	52	55	57	43	37	30	25	19
85	-4	16	36*	34	43*	52	59*	50	48	34*	27	*	-4*
86	19	23	30	34	*	*	61*	50	46	*	30*	32*	19*
87	18*	28*	21*	36	*	52	59	54	55*	52*	28	23	18*
88	27	27*	25	36	52	55*	61	52	46*	45*	19*	19	19*
LEAST	-4	14	21	32	36	46	52	48	43	30	19	16	-4
TOTAL OBS	477	437	462	473	428	442	467	494	446	409	452	429	5416

THE LEAST VALUE OF -4 OCCURRED ON 01/11/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: -01

PERIOD OF RECORD: 7301-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
73	39	41	45	51	63	70	73	74	68	55	44	35	55
74	41	47	49	54	62	67	74	76	66	48	45	38	56
75	39	41	47	54	65	69	75	73	70	56	46	38	56
76	35	42	44	54	63	71	74	67	63	58	48	38	55
77	40	44	51	52	61	69	72	70	63	58	46	39	55
78	39	39	48	52	60	67	71	70	65	56	43	38	54
79	33	42	48	52	64	72	73	70	66	56	45	40	55
80	37	40	47	51	60	67	71	75	67	56	43	36	54
81	34	38	49	56	62	70	72	72	67	57	43	38	55
82	36	37	46	54	63	72	76	72	70	57	49	41	56
83	36	37	47	55	62	70	79	73	67	56	43	39	55
84	37	39	45	53	58	68	74	71	64	58	49	41	55
85	30	35	47*	54	65*	69	77*	74	69	54*	45	*	56*
86	37	36	47	54	*	*	74*	75	67	*	48*	*	54*
87	35*	44*	38*	56	*	69	76	73	72*	*	47	40	57*
88	44	42*	46	55	67	70*	77	74	66*	61*	41*	38	57*
MEAN	37.1	40.0	46.7	53.6	62.4	69.5	74.0	72.4	66.6	56.2	45.2	38.4	55.3
TOTAL OBS	477	437	462	473	427	442	467	494	446	407	452	428	5412

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	30.1	7.354	500	1	311	0	0	0	500
09-11	32.2	6.836	704	0	374	0	0	0	704
12-14	38.9	5.981	691	0	111	0	0	0	691
15-17	41.0	5.898	711	0	64	0	0	0	711
18-20	37.2	5.677	596	0	134	0	0	0	596
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	36.2	7.474	3202	1	994	0	0	0	3202

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	32.6	6.274	477	0	275	0	0	0	477
09-11	35.4	5.870	659	0	228	0	0	0	659
12-14	42.1	5.773	664	0	36	0	0	0	664
15-17	44.8	5.376	663	0	8	0	0	0	663
18-20	41.7	4.826	583	0	18	0	0	0	583
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	39.7	7.183	3046	0	565	0	0	0	3046



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL CBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	39.3	6.219	518	0	85	0	0	0	518
09-11	43.9	6.159	712	0	42	0	0	0	712
12-14	50.2	6.092	714	0	5	3	0	0	714
15-17	52.9	6.165	739	0	0	18	0	0	739
18-20	50.9	5.764	636	0	0	2	0	0	636
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	47.9	7.716	3319	0	132	23	0	0	3319

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL CBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	46.4	4.933	494	0	0	0	0	0	494
09-11	53.6	5.127	679	0	0	8	0	0	679
12-14	59.2	6.027	676	0	0	113	0	0	676
15-17	61.0	6.560	674	0	0	190	1	0	674
18-20	58.9	6.553	586	0	0	111	0	0	586
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.3	7.774	3109	0	0	422	1	0	3109

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940 STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.3	5.777	496	0	0	20	0	0	496
09-11	62.8	6.867	675	0	0	255	2	0	675
12-14	68.2	7.401	691	0	0	459	39	0	691
15-17	69.9	8.241	674	0	0	469	88	0	674
18-20	68.0	8.317	596	0	0	364	52	0	596
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	65.3	8.934	3132	0	0	1567	181	0	3132

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	63.2	5.325	479	0	0	192	0	0	479
09-11	70.2	6.336	664	0	0	522	39	0	664
12-14	75.5	6.680	686	0	0	636	200	0	686
15-17	77.3	7.424	684	0	0	633	296	0	684
18-20	75.4	7.665	583	0	0	526	189	0	583
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	72.8	8.331	3096	0	0	2509	724	0	3096

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	MLAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF LE 32	HOURS WITH GE 65	TEMPERATURES GE 80	DEG 93	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	66.9	4.592	489	0	0	325	1	0	489
09-11	74.5	5.162	669	0	0	650	117	0	669
12-14	80.1	5.488	691	0	0	685	383	3	691
15-17	82.4	6.097	709	0	0	702	501	29	709
18-20	81.1	6.083	600	0	0	596	374	11	600
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	77.6	7.689	3158	0	0	2958	1376	43	3158

MONTH: AUG

HOURS LST	MLAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF LE 32	HOURS WITH GE 65	TEMPERATURES GE 80	DEG 93	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	64.8	5.107	508	0	0	266	0	0	508
09-11	72.7	5.842	718	0	0	645	94	0	718
12-14	78.9	6.117	733	0	0	718	351	2	733
15-17	81.1	6.579	715	0	0	704	439	10	715
18-20	79.0	6.726	623	0	0	605	308	3	623
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	75.9	8.318	3297	0	0	2938	1192	15	3297

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	59.0	5.169	502	0	0	55	1	0	502
09-11	65.9	5.583	679	0	0	391	3	0	679
12-14	73.0	5.525	697	0	0	634	70	0	697
15-17	75.4	5.870	704	0	0	661	172	0	704
18-20	72.5	5.920	632	0	0	554	62	0	632
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	69.7	7.957	3214	0	0	2295	308	0	3214

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.4	6.591	547	0	1	1	0	0	547
09-11	55.6	6.082	743	0	0	40	0	0	743
12-14	62.7	6.062	759	0	0	264	0	0	759
15-17	64.6	6.509	767	0	0	367	3	0	767
18-20	60.2	6.104	658	0	0	152	1	0	658
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	59.2	8.006	3474	0	1	824	4	0	3474

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	38.8	7.552	494	0	114	0	0	0	494
09-11	42.1	7.124	683	0	71	0	0	0	683
12-14	49.6	6.258	701	0	0	4	0	0	701
15-17	51.2	6.399	721	0	0	8	0	0	721
18-20	46.3	5.702	620	0	4	0	0	0	620
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	46.1	7.935	3219	0	189	12	0	0	3219

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	33.1	6.868	506	0	280	0	0	0	506
09-11	34.9	6.588	718	0	294	0	0	0	718
12-14	41.6	5.779	690	0	36	0	0	0	690
15-17	43.7	5.219	699	0	14	0	0	0	699
18-20	39.3	5.301	607	0	66	0	0	0	607
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	38.8	7.167	3220	0	690	0	0	0	3220

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	48.3	14.177	6010	1	1066	859	2	0	6010
09-11	53.5	16.156	8303	0	1009	2511	255	0	8303
12-14	60.1	15.766	8393	0	188	3516	1043	5	8393
15-17	62.1	15.853	8460	0	86	3752	1500	39	8460
18-20	59.3	16.478	7320	0	222	2910	986	14	7320
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.1	16.494	38486	1	2571	13548	3786	58	38486

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	29.5	7.113	498	324	0	0	0	0	498
09-11	31.1	6.502	702	405	0	0	0	0	702
12-14	35.8	5.330	689	169	0	0	0	0	689
15-17	37.0	5.480	708	133	3	0	0	0	708
18-20	35.1	5.744	593	178	0	0	0	0	593
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	33.9	6.650	3190	1209	3	0	0	0	3190

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	.0	.000	0	0	6	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	31.6	5.903	474	286	0	0	0	0	474
09-11	33.8	5.539	655	275	0	0	0	0	655
12-14	37.9	5.084	659	101	4	0	0	0	659
15-17	39.6	4.798	660	42	10	0	0	0	660
18-20	38.1	4.875	576	82	1	0	0	0	576
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	36.4	5.953	3024	786	15	0	0	0	3024

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	38.4	6.257	515	103	11	0	0	0	515
09-11	41.5	5.832	709	51	45	0	0	0	709
12-14	45.1	5.249	710	17	142	0	0	0	710
15-17	46.5	5.146	737	8	212	0	0	0	737
18-20	45.7	5.275	630	14	151	0	0	0	630
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	43.7	6.253	3301	193	561	0	0	0	3301

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.0	4.700	493	0	99	0	0	0	493
09-11	49.5	4.513	677	0	342	0	0	0	677
12-14	52.3	4.968	675	0	478	0	0	0	675
15-17	52.9	5.145	669	0	496	0	0	0	669
18-20	52.2	5.161	584	0	393	0	0	0	584
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	50.6	5.579	3098	0	1808	0	0	0	3098



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	53.5	5.540	494	0	376	3	0	0	494
09-11	57.7	5.539	71	0	623	39	1	0	671
12-14	59.9	5.477	690	0	671	88	7	0	690
15-17	60.2	5.638	672	0	655	98	9	0	672
18-20	59.6	5.458	596	0	577	66	8	0	596
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	58.4	5.959	3123	0	2902	294	25	0	3123

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	60.8	4.863	478	0	472	61	0	0	478
09-11	64.3	4.961	663	0	663	241	28	0	663
12-14	66.3	5.066	685	0	685	353	77	0	685
15-17	66.9	5.012	681	0	681	374	96	0	681
18-20	66.2	5.115	582	0	582	302	63	0	582
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	65.1	5.360	3089	0	3083	1331	264	0	3089

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	64.1	4.292	485	0	485	141	10	0	485
09-11	67.8	4.265	667	0	667	424	92	0	667
12-14	69.6	4.572	686	0	686	510	181	10	686
15-17	70.3	4.821	706	0	706	547	234	19	706
18-20	70.4	4.635	598	0	598	468	212	12	598
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	68.7	4.977	3142	0	3142	2090	729	41	3142

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	62.5	4.824	506	0	503	101	6	0	506
09-11	66.7	4.733	714	0	714	377	85	0	714
12-14	69.1	4.544	732	0	732	530	184	3	732
15-17	69.9	4.663	714	0	714	562	221	11	714
18-20	69.4	4.912	620	0	620	460	183	3	620
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	67.8	5.349	3286	0	3283	2030	679	17	3286

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET GULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	57.5	5.096	500	0	461	15	0	0	500
09-11	61.8	4.832	676	0	666	106	6	0	676
12-14	64.9	4.740	690	0	690	260	40	0	690
15-17	65.9	4.951	703	0	703	327	57	0	703
18-20	65.3	5.317	632	0	632	272	58	0	632
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	63.4	5.761	3201	0	3152	980	161	0	3201

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.3	6.436	545	1	280	0	0	0	545
09-11	53.1	5.610	742	0	545	1	0	0	742
12-14	56.8	5.349	758	0	693	10	0	0	758
15-17	57.8	5.452	765	0	707	34	0	0	765
18-20	56.5	5.586	654	0	580	19	0	0	654
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	55.0	6.397	3464	1	2805	64	0	0	3464

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	38.0	7.279	492	120	37	0	0	0	492
09-11	40.5	6.796	680	80	72	0	0	0	680
12-14	45.2	5.820	697	6	172	0	0	0	697
15-17	46.3	5.938	715	5	221	0	0	0	715
18-20	44.2	5.947	616	13	115	0	0	0	616
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	43.1	6.940	3200	224	617	0	0	0	3200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	32.5	6.548	504	292	4	0	0	0	504
09-11	33.9	6.339	715	320	7	0	0	0	715
12-14	38.6	5.119	688	69	11	0	0	0	688
15-17	40.0	4.916	690	45	13	0	0	0	690
18-20	37.7	5.267	603	103	4	0	0	0	603
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	36.7	6.300	3200	829	39	0	0	0	3200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	46.9	13.502	5984	1126	2728	321	16	0	5984
09-11	59.1	14.173	8271	1131	4344	1188	212	0	8271
12-14	53.6	13.156	8359	362	4964	1751	489	13	8359
15-17	54.5	12.919	8420	233	5121	1942	617	30	8420
18-20	53.5	13.491	7284	390	4253	1587	524	15	7284
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	52.0	13.713	38318	3242	21410	6789	1858	58	38318

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: - 1

MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	27.8	8.170	496	242	75	498	0	498
09-11	28.8	7.949	702	284	118	702	0	702
12-14	30.7	8.663	689	200	179	689	0	689
15-17	30.6	9.679	708	214	207	708	0	708
18-20	31.4	9.017	593	153	170	593	0	593
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	29.9	8.864	3190	1093	749	3190	0	3190

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	659
03-05	.0	.000	0	0	0	0	0	659
06-08	29.8	6.783	474	177	91	474	0	659
09-11	31.1	6.885	655	198	149	655	0	659
12-14	31.5	8.315	659	216	212	659	0	659
15-17	32.0	8.625	660	221	239	660	0	659
18-20	32.8	8.257	576	156	225	576	0	659
21-23	.0	.000	0	0	0	0	0	659
ALL HOURS	31.5	7.941	3024	968	916	3024	0	3024

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	36.9	7.462	515	49	291	515	0	515
09-11	38.4	7.405	709	60	457	709	0	709
12-14	39.0	8.448	710	73	480	710	0	710
15-17	39.1	8.930	737	81	488	734	0	737
18-20	39.3	9.290	630	64	425	627	0	630
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	38.6	8.449	3301	327	2141	3295	0	3301

MONTH: APR

00-02	.0	.000	0	0	0	0	0	675
03-05	.0	.000	0	0	0	0	0	675
06-08	43.5	5.412	493	2	444	493	0	675
09-11	45.6	6.297	677	7	620	663	0	675
12-14	45.6	7.897	675	19	582	644	0	675
15-17	45.2	8.380	669	24	571	623	0	675
18-20	45.7	7.952	584	14	521	539	0	675
21-23	.0	.000	0	0	0	0	0	675
ALL HOURS	45.2	7.429	3098	66	2738	2962	0	3098

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	52.2	5.793	494	0	490	358	3	494
09-11	53.8	6.273	671	0	667	427	22	671
12-14	53.8	6.827	690	0	679	422	23	690
15-17	53.3	7.199	672	0	663	426	26	672
18-20	53.4	7.000	596	0	588	374	24	596
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	53.4	6.735	3123	0	3087	2007	98	3123

MONTH: JUN

00-02	.0	.000	0	0	0	0	0	685
03-05	.0	.000	0	0	0	0	0	685
06-08	59.3	4.974	478	0	478	122	59	685
09-11	60.7	5.625	663	0	663	130	160	685
12-14	60.8	6.139	685	0	685	156	177	685
15-17	60.7	6.251	681	0	681	139	174	685
18-20	60.7	6.074	582	0	582	127	139	685
21-23	.0	.000	0	0	0	0	0	685
ALL HOURS	60.5	5.945	3089	0	3089	654	709	3089



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	62.4	4.776	485	0	485	56	156	485
09-11	64.0	5.163	667	0	667	54	324	667
12-14	63.9	5.905	686	0	686	84	315	686
15-17	63.7	6.463	706	0	706	101	322	706
18-20	64.6	6.080	598	0	598	54	316	598
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	63.8	5.834	3142	0	3142	349	1433	3142

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	732
03-05	.0	.000	0	0	0	0	0	732
06-08	61.1	5.117	506	0	506	83	116	732
09-11	63.3	5.321	714	0	714	66	285	732
12-14	63.8	5.769	732	0	732	72	332	732
15-17	63.9	6.088	714	0	714	79	335	732
18-20	64.3	6.186	620	0	620	65	319	732
21-23	.0	.000	0	0	0	0	0	732
ALL HOURS	63.4	5.857	3286	0	3286	365	1387	3286

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	56.4	5.275	500	0	500	224	25	500
09-11	59.0	5.481	676	0	676	190	83	676
12-14	59.9	6.403	690	0	690	166	131	690
15-17	59.9	6.850	703	0	703	184	141	703
18-20	60.9	6.984	632	0	632	134	160	632
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	59.4	6.455	3201	0	3201	898	540	3201

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	758
03-05	.0	.000	0	0	0	0	0	758
06-08	48.5	6.696	545	1	520	470	0	758
09-11	51.1	6.110	742	1	731	570	1	758
12-14	51.9	7.216	758	5	736	528	2	758
15-17	52.4	7.258	765	4	749	504	2	758
18-20	53.6	6.732	654	1	646	399	14	758
21-23	.0	.000	0	0	0	0	0	758
ALL HOURS	51.6	7.038	3464	12	3382	2471	19	3464

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	36.9	7.729	492	59	251	492	0	492
09-11	38.5	7.468	680	58	403	680	0	680
12-14	40.1	8.457	697	59	473	692	0	697
15-17	40.5	9.036	715	64	490	709	0	715
18-20	41.6	7.943	616	34	471	613	0	616
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	39.6	8.358	3200	274	2088	3186	0	3200

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	688
03-05	.0	.000	0	0	0	0	0	688
06-08	31.3	7.019	504	154	114	504	0	688
09-11	32.3	6.923	715	169	187	715	0	688
12-14	34.1	7.328	688	120	267	688	0	688
15-17	34.9	8.022	690	113	329	690	0	688
18-20	35.2	7.134	603	80	273	603	0	688
21-23	.0	.000	0	0	0	0	0	688
ALL HOURS	33.6	7.500	3200	636	1170	3200	0	3200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	45.5	13.790	5984	684	4245	4289	359	5984
09-11	47.2	14.150	8271	777	6052	5561	875	8271
12-14	48.1	14.167	8359	692	6401	5490	980	8359
15-17	48.1	14.308	8420	721	6540	5557	1000	8420
18-20	48.7	14.076	7284	502	5751	4704	972	7284
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	47.6	14.156	38318	3376	28989	25601	4186	38318

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 DEC 88  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	
03-05										.0	
06-08	100.0	99.4	98.6	97.8	97.4	96.0	94.2	90.4	81.3	91.7	
09-11	100.0	99.7	98.6	97.7	95.9	94.3	90.5	82.5	67.0	87.9	
12-14	100.0	98.1	96.1	92.0	86.4	75.0	65.7	51.7	30.9	74.4	
15-17	100.0	97.9	94.1	86.4	79.1	68.5	55.4	41.1	20.3	69.0	
18-20	100.0	99.2	96.5	93.6	90.9	86.0	78.6	66.9	47.2	81.0	
21-23										.0	
ALL HOURS	100.0	98.8	96.6	93.2	89.4	83.1	75.7	65.0	47.4	.0	

MONTH: FEB

00-02										.0	
03-05										.0	
06-08	100.0	100.0	99.4	98.5	97.0	96.0	92.8	84.6	71.3	89.8	
09-11	100.0	100.0	99.1	98.0	96.5	93.6	85.3	73.4	49.3	84.7	
12-14	100.0	98.5	97.3	91.7	78.3	61.3	49.6	37.6	20.3	68.0	
15-17	100.0	98.3	96.5	86.5	68.2	52.4	40.0	28.2	13.6	62.9	
18-20	100.0	99.3	98.4	93.9	85.8	72.4	57.5	44.8	23.6	72.3	
21-23										.0	
ALL HOURS	100.0	99.2	98.6	93.4	84.4	73.9	63.5	52.1	33.8	.0	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.6	99.6	99.0	97.7	95.3	89.3	69.7	91.0	515
09-11	100.0	99.9	99.4	98.3	95.5	89.7	82.9	68.1	35.8	81.9	709
12-14	100.0	98.9	97.5	91.0	81.8	64.5	49.7	31.4	15.5	67.9	710
15-17	100.0	98.2	95.0	85.5	71.6	53.3	38.0	22.7	11.9	62.3	737
18-20	100.0	98.4	95.7	88.1	78.7	65.2	50.5	33.8	16.8	67.5	630
21-23										.0	0
ALL HOURS	100.0	99.0	97.3	92.1	84.6	72.7	51.5	46.8	27.8	.0	3301

MONTH: APR

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.4	99.4	97.8	95.3	89.9	62.1	89.8	493
09-11	100.0	99.9	99.3	97.8	93.6	84.0	69.9	48.2	17.7	75.9	677
12-14	100.0	99.0	97.0	89.0	78.1	55.7	36.9	21.2	7.0	63.3	675
15-17	100.0	98.8	95.2	81.9	67.4	46.5	29.4	16.1	4.6	58.8	669
18-20	100.0	99.3	97.1	89.2	73.5	59.8	43.0	27.7	10.3	64.6	584
21-23										.0	0
ALL HOURS	100.0	99.4	97.6	91.1	81.7	67.4	52.9	38.2	18.2	.0	3098

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.6	97.8	90.9	51.6	89.5	494
09-11	100.0	100.0	100.0	99.4	94.9	84.1	63.9	37.7	12.2	73.9	671
12-14	100.0	100.0	99.6	94.5	78.3	53.6	27.4	14.9	5.2	61.9	690
15-17	100.0	100.0	99.3	83.8	66.1	42.4	25.3	14.7	6.1	58.3	672
18-20	100.0	100.0	98.8	86.9	69.3	51.5	36.7	26.3	9.9	62.6	596
21-23										.0	0
ALL HOURS	100.0	100.0	99.5	92.7	80.9	64.6	47.7	34.0	15.1	.0	3123

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.6	99.4	96.9	86.4	38.3	87.5	478
09-11	100.0	100.0	99.7	98.9	97.6	88.7	62.3	29.3	5.3	73.1	663
12-14	100.0	100.0	99.6	96.9	83.4	54.5	22.5	9.3	2.2	61.7	685
15-17	100.0	100.0	99.3	93.8	70.5	40.4	20.7	9.8	4.3	58.5	681
18-20	100.0	100.0	99.5	94.5	75.6	51.7	30.8	16.7	6.7	62.2	582
21-23										.0	0
ALL HOURS	100.0	100.0	99.6	96.7	84.6	65.1	43.7	27.0	9.7	.0	3089

OPER/ ING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.4	95.7	82.1	30.5	86.1	485
09-11	100.0	100.0	100.0	99.7	97.2	85.8	55.0	19.2	1.6	70.7	667
12-14	100.0	100.0	99.7	98.0	79.2	45.0	14.9	3.6	.7	58.7	686
15-17	100.0	100.0	99.6	90.9	63.2	29.5	10.8	5.1	.8	54.6	706
18-20	100.0	100.0	99.7	95.0	73.9	44.8	22.9	6.9	.8	59.0	598
21-23										.0	0
ALL HOURS	100.0	100.0	99.8	96.5	81.6	58.5	36.5	20.0	5.6	.0	3142

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.8	99.2	88.9	37.5	88.3	506
09-11	100.0	100.0	100.0	99.7	97.9	87.7	65.3	31.2	5.0	73.6	714
12-14	100.0	100.0	99.5	97.3	83.3	49.7	23.0	7.7	2.6	61.1	732
15-17	100.0	100.0	99.7	92.4	69.0	38.7	17.2	7.8	2.8	57.6	714
18-20	100.0	100.0	100.0	95.6	78.7	54.5	30.0	11.1	2.4	62.3	620
21-23										.0	0
ALL HOURS	100.0	100.0	99.8	96.9	85.1	64.2	44.0	26.0	8.5	.0	3286



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	95.8	61.0	91.3	500
09-11	100.0	100.0	100.0	100.0	98.8	95.4	78.7	52.2	16.0	79.2	676
12-14	100.0	100.0	100.0	98.4	86.8	64.8	35.1	12.2	2.8	64.7	690
15-17	100.0	100.0	99.7	93.0	77.2	49.5	24.9	9.1	1.8	60.3	703
18-20	100.0	100.0	100.0	98.4	88.8	72.2	47.0	22.2	6.2	68.4	632
21-23										.0	0
ALL HOURS	100.0	100.0	99.9	97.8	89.7	74.9	54.4	35.0	15.1	.0	3201

MONTH: OCT

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.5	95.8	78.5	93.5	545
09-11	100.0	100.0	100.0	100.0	99.9	97.7	91.6	75.6	39.2	85.7	742
12-14	100.0	99.7	99.7	97.2	90.8	69.5	50.1	28.9	9.8	69.6	758
15-17	100.0	100.0	99.7	95.9	83.1	62.2	41.4	25.4	9.2	66.6	765
18-20	100.0	100.0	100.0	99.5	97.6	90.2	78.3	56.4	24.2	79.9	654
21-23										.0	0
ALL HOURS	100.0	99.9	99.9	98.4	93.8	82.6	70.0	53.8	29.5	.0	3464

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.6	99.2	98.8	97.6	92.7	77.8	93.0	492
09-11	100.0	100.0	100.0	99.4	98.2	96.9	92.4	80.9	53.7	87.6	680
12-14	100.0	99.7	98.6	93.8	86.8	71.7	58.1	40.3	21.8	71.8	697
15-17	100.0	99.6	97.8	91.6	82.9	65.6	53.1	37.2	18.9	69.3	715
18-20	100.0	100.0	99.5	98.7	96.6	93.0	86.4	70.5	45.9	84.2	616
21-23										.0	0
ALL HOURS	100.0	99.8	99.1	96.3	92.2	84.0	75.8	62.1	41.2	.0	3200

MONTH: DEC

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.6	99.0	98.4	98.4	96.8	92.5	82.3	93.3	504
09-11	100.0	100.0	99.9	99.4	98.5	97.6	94.5	85.0	68.7	90.4	715
12-14	100.0	99.9	98.4	95.5	89.2	80.4	69.0	51.9	30.5	76.4	688
15-17	100.0	99.6	97.7	92.8	85.5	75.1	59.6	46.7	27.5	73.4	690
18-20	100.0	99.8	99.0	97.8	96.7	94.0	87.6	76.0	51.4	85.7	603
21-23										.0	0
ALL HOURS	100.0	99.8	98.9	96.8	93.3	88.5	80.6	69.1	50.5	.0	3200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	99.9	99.8	99.5	99.2	98.6	96.6	90.0	62.1	90.4	5984
09-11	100.0	100.0	99.7	99.0	97.1	91.4	77.9	57.3	31.3	80.5	8271
12-14	100.0	99.5	98.6	94.7	83.6	62.2	41.8	25.8	12.4	66.6	8359
15-17	100.0	99.4	97.8	89.6	73.8	52.1	34.8	22.0	10.2	62.7	8420
18-20	100.0	99.7	98.7	94.3	84.0	69.8	54.3	38.4	20.5	70.9	7284
21-23										.0	0
ALL HOURS	100.0	99.7	98.9	95.2	86.9	73.4	59.0	44.2	25.3	73.3	38318

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	30.05	30.04	29.95	29.97	29.98	29.94	29.97	29.96	30.03	30.01	30.10	29.96	30.00
	SD	.255	.281	.235	.166	.149	.139	.105	.092	.144	.221	.253	.354	.215
	TOT OBS	55	54	54	84	82	86	81	84	112	115	108	86	1001
1000	MEAN	30.08	30.05	29.96	29.99	29.99	29.94	29.98	29.98	30.05	30.02	30.12	30.00	30.02
	SD	.271	.289	.243	.163	.144	.136	.112	.095	.146	.226	.254	.356	.217
	TOT OBS	51	53	59	84	84	83	83	88	113	109	109	83	999
1300	MEAN	30.06	30.07	29.96	29.97	29.96	29.94	29.96	29.96	30.04	30.01	30.11	29.97	30.00
	SD	.266	.297	.222	.168	.141	.141	.102	.095	.148	.224	.251	.359	.218
	TOT OBS	57	50	58	84	82	81	82	87	111	113	111	86	1002
1600	MEAN	30.02	30.04	29.91	29.94	29.94	29.90	29.93	29.93	30.02	30.00	30.08	29.97	29.98
	SD	.263	.300	.227	.163	.138	.135	.105	.090	.140	.217	.250	.340	.213
	TOT OBS	49	49	58	82	81	82	84	85	110	113	110	84	987
1900	MEAN	30.06	30.02	29.94	29.94	29.94	29.90	29.92	29.92	30.01	30.01	30.11	29.96	29.98
	SD	.263	.287	.207	.163	.138	.117	.099	.095	.140	.212	.240	.345	.211
	TOT OBS	54	56	60	86	81	79	88	86	113	116	105	85	1009
2200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	30.06	30.04	29.94	29.96	29.96	29.92	29.95	29.95	30.03	30.01	30.10	29.97	30.00
	SD	.264	.291	.228	.166	.144	.135	.107	.096	.144	.220	.250	.351	.215
	TOT OBS	266	262	289	420	410	411	418	430	559	566	543	424	4998

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88

TIME (LST)	STAT.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	29.87	29.87	29.77	29.80	29.80	29.76	29.80	29.79	29.86	29.83	29.92	29.79	29.82
	SD	.248	.281	.234	.167	.147	.138	.103	.091	.142	.218	.252	.352	.213
	TOT OBS	55	54	54	84	82	85	81	84	112	115	108	86	1001
1000	MEAN	29.90	29.88	29.78	29.81	29.81	29.76	29.80	29.80	29.87	29.84	29.95	29.83	29.84
	SD	.269	.287	.239	.161	.142	.134	.111	.092	.145	.224	.252	.352	.216
	TOT OBS	51	53	59	84	84	83	83	88	113	109	109	83	999
1300	MEAN	29.89	29.89	29.79	29.80	29.79	29.76	29.78	29.78	29.87	29.84	29.93	29.80	29.83
	SD	.267	.294	.220	.166	.140	.137	.101	.093	.145	.222	.251	.357	.216
	TOT OBS	57	50	58	84	82	81	82	87	111	113	111	86	1002
1600	MEAN	29.85	29.87	29.74	29.77	29.76	29.73	29.76	29.76	29.84	29.82	29.91	29.79	29.80
	SD	.264	.297	.223	.161	.135	.131	.104	.090	.138	.216	.248	.340	.211
	TOT OBS	49	49	58	82	81	82	84	85	110	113	110	84	987
1900	MEAN	29.88	29.85	29.76	29.77	29.76	29.72	29.75	29.74	29.84	29.84	29.93	29.79	29.80
	SD	.262	.286	.206	.161	.176	.116	.098	.094	.137	.210	.238	.344	.210
	TOT OBS	54	56	60	86	81	79	88	86	113	116	105	85	1009
2200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	29.88	29.87	29.77	29.79	29.78	29.75	29.78	29.77	29.85	29.83	29.93	29.80	29.82
	SD	.263	.289	.225	.164	.142	.133	.106	.094	.142	.218	.249	.349	.214
	TOT OBS	266	262	289	420	410	411	418	430	559	566	543	424	4998

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG



PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.2	.2		501				704
CATEGORY B				0				0	.4	.4		501				704

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			688	.1	.1		712	.2	.2		597				
CATEGORY B	.4			688	.1	.1		712	.2	.2		597				

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.1		3202	.1	.1		3202
CATEGORY B	.2	.1		3202	.2	.1		3202

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.2			478				667
CATEGORY B				0				0	.2	.2	.2	478	.1	.1		667

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.3		663	.6	.3		663	.5			579				0
CATEGORY B	1.1	.3	.2	663	.9	.5	.2	663	.5	.2	.2	579				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.1		3050	.4	.1		3050
CATEGORY B	.6	.3	.1	3050	.6	.3	.1	3050

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.6	.2		518	.3			714
CATEGORY B				0				0	.6	.4	.4	518	.8	.6	.1	714

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			716	.4			744	.2			637				0
CATEGORY B	1.0	.6	.1	716	1.1	.3		744	.6	.3		637				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		3329	.4	.0		3329
CATEGORY B	.8	.4	.1	3329	.8	.4	.1	3329

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				497		.1		682
CATEGORY B				0				0	.2	.2		497	.7	.1		682

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.1		680	.3	.1		681				588				0
CATEGORY B	2.4	1.0	.4	680	1.6	.9	.1	681	1.0	.7		588				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.1		3128	.2	.1		3128
CATEGORY B	1.2	.6	.1	3128	1.2	.6	.1	3128

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 81  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.4			497	.3			6
CATEGORY B				0				0	.6			497	.3			6

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			696	.6	.1		678	.7			600				
CATEGORY B	.9	.4	.1	696	1.9	.7		678	1.5	.5	.2	600				

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		3148	.4	.0		3148
CATEGORY B	1.0	.3	.1	3148	1.0	.3	.1	3148

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.4			497	.3			677
CATEGORY B				0				0	.6			497	.3			677

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			696	.6	.1		678	.7			600				0
CATEGORY B	.9	.4	.1	696	1.9	.7		678	1.5	.5	.2	600				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		3148	.4	.0		3148
CATEGORY B	1.0	.3	.1	3148	1.0	.3	.1	3148

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				479	.2			659
CATEGORY B				0				0				479	.5	.2		659

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			685	.6			680				584				0
CATEGORY B	.4	.3		685	.9	.3	.1	680	.7	.5	.2	584				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			3087	.2			3087
CATEGORY B	.5	.3	.1	3087	.5	.3	.1	3087



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				488				671
CATEGORY B				0				0				488	.3	.3		671

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			691	.1	.1		704	.2			599				0
CATEGORY B	.1			691	.7	.6	.1	704	.5	.5	.2	599				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		3153	.1	.0		3153
CATEGORY B	.3	.3	.1	3153	.3	.3	.1	3153

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				506				719
CATEGORY B				0				0				506	.3	.1		721

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			734	.1			717	.6			625				0
CATEGORY B	.3	.1		736	.3	.1		719	.8	.5	.3	626				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			3301	.2			3301
CATEGORY B	.3	.2	.1	3308	.3	.2	.1	3308

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				506				681
CATEGORY B				0				0				511	.3	.3		681

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			698				702				631				0
CATEGORY B	.3	.3	.3	700	.3	.3		702				633				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			3218	.0			3218
CATEGORY B	.2	.2	.1	3227	.2	.2	.1	3227

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.4	.4		546	.3			746
CATEGORY B				0				0	.4	.4		546	.3			747

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			760	.1			767				659				0
CATEGORY B	.1	.1	.1	763	.3	.1	.1	768				659				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.1		3478	.2	.1		3478
CATEGORY B	.2	.1	.1	3483	.2	.1	.1	3483

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 89  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				501				688
CATEGORY B				0				0				504				694

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				698				724				621				
CATEGORY B	.1			699				725	.5	.3		621				

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				3232				3232
CATEGORY B	.1	.1		3243	.1	.1		3243

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0				507	.3	.1	.1	722
CATEGORY B				0				0				507	.3	.3	.3	725

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				687	.1	.1	.1	701				609				0
CATEGORY B				687	.1	.1	.1	705				610				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.1	.1	3226	.1	.1	.1	3226
CATEGORY B	.1	.1	.1	3234	.1	.1	.1	3234

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				0				0	.1	.1		6024	.1	.0	.0	8330
CATEGORY B				0				0	.2	.1	.0	6032	.3	.2	.0	8342

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		8396	.3	.1	.0	8473	.2	.0		7329				
CATEGORY B	.6	.3	.1	8404	.7	.3	.1	8481	.5	.3	.1	7333				

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0	.0	38552	.2	.0	.0	38552
CATEGORY B	.5	.2	.1	38592	.5	.2	.1	38592

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH



PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 160940

STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 73 - FEB 77

.....  
YEARS | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN  
.....

.....  
MEAN |

SD |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 160940      STATION NAME: VICENZA ITALY  
LST TO UTC: - 1

PERIOD OF RECORD: JAN 73      FEB 77

.....  
YEARS   |   JAN   FEB   MAR   APR   MAY   JUN   JUL   AUG   SEP   OCT   NOV   DEC   ANN  
.....

.....  
MEAN   |

SD   |

AWS	STATION NAME: VICENZA ITALY	FIELD ELEV: 128 FT
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 45 34 N 011 32 E	STATION MSC: 160940
	HOURLY OBS POR: JAN 79 - DEC 88	CALL SIGN: LIPT
	SUMMARY OF DAY POR: JAN 73 - DEC 88	
OCT 89	HOURS SUMMARIZED: 00-23L (JAN 73 - FEB 77), 07-20L (MAR 77 - DEC 88)	SUPERCEDES: APR 85
	LSY TO UTC: -01	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	57	63	77	81	88	91	99	95	91	81	68	64	99	15
MEAN MAX TEMP (F)	43.5	47.3	54.6	62.3	71.5	78.7	83.6	81.8	75.9	64.6	52.8	45.0	63.6	15
MEAN TEMP (F)	37.1	40.0	46.7	53.6	62.4	69.5	74.0	72.4	66.6	56.2	45.2	38.4	55.3	15
MEAN MIN TEMP (F)	30.2	32.2	38.3	44.3	52.8	59.8	64.1	62.5	56.9	47.2	37.1	31.3	46.5	15
EXTRM MIN TEMP (F)	-4	14	21	32	36	46	52	48	43	30	19	16	-4	15
MEAN DEWPOINT TEMP (F)	29.9	31.5	38.6	45.2	53.4	60.5	63.8	63.4	59.4	51.6	39.6	33.6	47.6	10
MEAN WET BULB TEMP (F)	33.9	36.4	43.7	50.6	58.4	65.1	68.7	67.8	63.4	55.0	43.1	36.7	52.0	10
99.95% WCPA (FT)	850	950	850	600	550	550	450	450	500	750	750	1200	750	10
MEAN REL HUM 07 LST(%)	91.7	89.8	91.0	89.8	89.5	87.5	86.1	88.3	91.3	93.5	93.0	93.3	90.4	10
MEAN REL HUM 13 LST(%)	74.4	68.0	67.9	63.3	61.9	61.7	58.7	61.1	64.7	69.6	71.8	76.4	66.6	10
MAX 24HR PRECIP (IN)	2.78	2.38	2.58	2.05	2.22	2.40	1.69	3.91	3.09	3.00	2.22	2.92	3.91	15
MAX PRECIP (IN)	9.04	9.71	8.42	6.02	8.86	6.34	5.72	8.70	8.78	8.69	5.94	9.22	53.50	15
MEAN PRECIP (IN)	3.57	2.56	3.85	3.16	4.04	3.91	2.63	3.81	3.47	4.39	3.10	3.37	41.87	15
MIN PRECIP (IN)	.18	.03	.55	.18	.21	.43	.17	.78	.02	.75	.00	.08	32.64	15
MAX 24HR SNFL (IN)	#	#	#	0	0	0	0	0	0	0	0	#	#	15
MAX SNFL (IN)	#	#	#	0	0	0	0	0	0	0	0	#	#	15
MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	0	0	#	#	15
MEAN SFC WND DIR (DEG)	\$210	\$090	\$090	\$090	\$090	\$120	\$120	\$090	\$090	\$090	\$090	\$210	\$090	10
MEAN WND SPD (KTS)	.8	1.1	1.9	2.4	2.3	2.0	1.8	1.5	.9	.8	.6	.7	1.4	10
MAX WND SPD (KTS)	41	44	43	37	34	44	45	40	25	26	25	34	45	4
SKY COVER GT 1/2 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
@ D/W THUNDERSTORMS	0	0	1	3	6	8	8	6	4	1	0	0	37	40
@ D/W FOG (VSBY LT 7 MI)	13	11	11	10	8	8	5	4	9	10	12	12	113	31
D/W MEAS. PRECIP	9	7	10	11	14	11	9	9	7	10	8	8	113	15

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

\*\* = INSTANTANEOUS PEAK WINDS

\* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

REMARKS : @ SUMMARY OF THE DAY (SOD) DATA WERE SUPPLEMENTED FROM THE FOLLOWING SOURCES:

1. AWS CLIMATIC BRIEF (JUN 89) FOR AVIANO AB ITALY, SOD POR 30 YRS+.
2. NATIONAL INTELLIGENCE SURVEY (SEP 53), ITALY, SECT 23, WEATHER AND CLIMATE, SOD POR 30 YRS+.

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 06	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	07 - 08	65.3	66.8	70.8	57.8	49.8	50.6	50.2	46.7	69.6	65.2	63.3	55.6	59.3	10
	09 - 11	67.1	72.6	67.0	49.0	35.0	38.2	40.6	32.4	58.2	58.5	66.6	60.4	53.8	10
	12 - 14	67.0	66.0	53.5	36.8	28.4	30.3	28.3	22.2	44.3	42.9	59.6	59.2	44.9	10
	15 - 17	59.5	60.3	48.3	31.9	24.7	27.2	21.8	15.4	38.3	41.0	57.6	55.8	40.1	10
	18 - 20	70.6	69.0	54.2	29.0	22.2	24.8	21.0	16.3	44.0	57.3	68.7	64.5	45.1	10
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	65.8	66.9	58.1	40.2	31.2	33.4	31.5	25.6	49.9	52.1	62.9	59.1	48.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 06	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	07 - 08	64.9	66.6	69.6	56.6	48.8	49.8	50.0	45.7	68.4	63.2	62.1	54.8	58.4	10
	09 - 11	66.8	72.6	64.8	46.9	33.3	36.3	40.1	31.3	57.0	57.2	65.8	59.6	52.6	10
	12 - 14	66.7	65.4	49.7	33.7	22.6	27.3	27.1	20.0	43.3	41.3	59.0	58.7	42.9	10
	15 - 17	59.0	59.5	43.1	26.3	17.6	23.5	20.5	13.5	36.3	39.9	57.2	54.2	37.5	10
	18 - 20	70.6	68.3	50.3	25.7	17.2	22.2	19.7	13.7	41.6	56.4	67.7	64.0	43.1	10
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	65.4	66.4	54.7	37.1	27.0	30.9	30.6	23.8	48.3	50.7	62.2	58.3	46.3	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 06	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	07 - 08	54.2	52.9	59.3	46.3	35.5	34.3	35.2	32.6	59.0	54.9	53.1	44.6	46.8	10
	09 - 11	58.3	58.6	50.3	31.4	18.4	19.3	21.7	15.6	42.2	43.6	57.2	52.0	39.0	10
	12 - 14	52.9	45.7	33.7	19.4	11.4	11.4	7.8	6.2	27.0	27.1	45.8	46.3	27.9	10
	15 - 17	48.1	40.8	29.5	15.3	10.1	10.3	4.6	4.8	18.6	25.3	44.4	42.8	24.5	10
	18 - 20	61.1	54.3	36.9	15.5	10.4	12.5	4.9	5.0	28.7	40.9	59.2	55.1	32.0	10
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	54.8	50.2	41.0	24.6	16.3	16.6	13.8	11.8	33.8	37.3	51.6	48.2	33.4	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 06	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	07 - 08	22.0	13.7	13.1	3.7	1.6	.0	.0	.4	10.2	16.3	17.8	19.1	9.8	10
	09 - 11	23.7	14.0	10.1	.9	.5	.0	.2	.0	1.2	5.8	16.0	20.9	7.8	10
	12 - 14	14.8	4.5	4.2	.5	.0	.1	.0	.1	.0	2.0	5.5	12.0	3.6	10
	15 - 17	11.7	2.5	3.3	.0	.3	.0	.0	.1	.0	.5	5.7	13.0	3.1	10
	18 - 20	19.2	5.3	4.6	.3	.0	.0	.2	.2	.2	1.4	8.7	15.6	4.6	10
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	18.0	7.7	6.8	.9	.4	.0	.1	.2	1.9	4.6	10.3	16.0	5.6	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : NONE

## DISTRIBUTION

2WW/DN, APO New York 09094-5000 .....	1
7WS/DON, APO New York 09403-5000 .....	1
OL-F, APO New York 09168-5125 .....	1
USAFETAC/LDD, Scott AFB, IL 62225-5438 .....	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723 .....	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145 .....	2
AWSTL, Scott AFB, IL 62225-5458 .....	10